PK750S

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	0.75 kW
AC Input Voltage	1PH 220 - 240 V
Max. AC Input Current	8.2 A
Input String	1
Max. DC Input Current	9 A
Max. DC Input Voltage	440 V
Recommended MPP Voltage*	310 - 360 V
Adapting Motor Power	0.75 kW
Adapting Motor Voltage	1PH 220 - 240 V
Rated AC Output Current	4.5 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞96%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	126 × 186 × 155 mm
Packing Size	238 × 180 × 216 mm
Net Weight	1.8 kg
Gross Weight	2.0 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK1500S

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	1.5 kW
AC Input Voltage	1PH 220 - 240 V
Max. AC Input Current	14 A
Input String	1
Max. DC Input Current	12 A
Max. DC Input Voltage	440 V
Recommended MPP Voltage*	310 - 360 V
Adapting Motor Power	1.5 kW
Adapting Motor Voltage	1PH 220 - 240 V
Rated AC Output Current	7 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞96%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	126 × 186 × 155 mm
Packing Size	238 × 180 × 216 mm
Net Weight	1.8 kg
Gross Weight	2.0 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK2200S

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	2.2 kW
AC Input Voltage	1PH 220 - 240 V
Max. AC Input Current	23 A
Input String	1
Max. DC Input Current	12 A
Max. DC Input Voltage	440 V
Recommended MPP Voltage*	310 - 360 V
Adapting Motor Power	2.2 kW
Adapting Motor Voltage	1PH 220 - 240 V
Rated AC Output Current	9.6 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞96%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	126 × 186 × 155 mm
Packing Size	238 × 180 × 216 mm
Net Weight	1.8 kg
Gross Weight	2.0 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK4000S

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	4 kW
AC Input Voltage	3PH 220 - 240 V
Max. AC Input Current	35 A
Input String	1
Max. DC Input Current	32 A
Max. DC Input Voltage	440 V
Recommended MPP Voltage*	310 - 360 V
Adapting Motor Power	4 kW
Adapting Motor Voltage	1PH 220 - 240 V
Rated AC Output Current	20 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞96%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	140 × 230 × 172 mm
Packing Size	310 × 220 × 260 mm
Net Weight	3.1 kg
Gross Weight	3.5 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK750L

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	0.75 kW
AC Input Voltage	1PH 220 - 240 V
Max. AC Input Current	7.2 A
Input String	1
Max. DC Input Current	8.5 A
Max. DC Input Voltage	440 V
Recommended MPP Voltage*	310 - 360 V
Adapting Motor Power	0.75 kW
Adapting Motor Voltage	3PH 220 - 240 V
Rated AC Output Current	4.5 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	126 × 186 × 155 mm
Packing Size	238 × 180 × 216 mm
Net Weight	1.8 kg
Gross Weight	2.0 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK1500L

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	1.5 kW
AC Input Voltage	1PH 220 - 240 V
Max. AC Input Current	14 A
Input String	1
Max. DC Input Current	14 A
Max. DC Input Voltage	440 V
Recommended MPP Voltage*	310 - 360 V
Adapting Motor Power	1.5 kW
Adapting Motor Voltage	3PH 220 - 240 V
Rated AC Output Current	7 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	126 × 186 × 155 mm
Packing Size	238 × 180 × 216 mm
Net Weight	1.8 kg
Gross Weight	2.0 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK2200L

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	2.2 kW
AC Input Voltage	1PH 220 - 240 V
Max. AC Input Current	23 A
Input String	1
Max. DC Input Current	23 A
Max. DC Input Voltage	440 V
Recommended MPP Voltage*	310 - 360 V
Adapting Motor Power	2.2 kW
Adapting Motor Voltage	3PH 220 - 240 V
Rated AC Output Current	10 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	126 × 186 × 155 mm
Packing Size	238 × 180 × 216 mm
Net Weight	1.8 kg
Gross Weight	2.0 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK4000L

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	4 kW
AC Input Voltage	3PH 220 - 240 V
Max. AC Input Current	20 A
Input String	1
Max. DC Input Current	32 A
Max. DC Input Voltage	440 V
Recommended MPP Voltage*	310 - 360 V
Adapting Motor Power	4 kW
Adapting Motor Voltage	3PH 220 - 240 V
Rated AC Output Current	16 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	140 × 230 × 172 mm
Packing Size	310 × 220 × 260 mm
Net Weight	3.1 kg
Gross Weight	3.5 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK5500L

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	5.5 kW
AC Input Voltage	3PH 220 - 240 V
Max. AC Input Current	30 A
Input String	1
Max. DC Input Current	35 A
Max. DC Input Voltage	440 V
Recommended MPP Voltage*	310 - 360 V
Adapting Motor Power	5.5 kW
Adapting Motor Voltage	3PH 220 - 240 V
Rated AC Output Current	20 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	165 × 285 × 200 mm
Packing Size	365 × 245 × 290 mm
Net Weight	4.8 kg
Gross Weight	5.4 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK750H

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	0.75 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	3.4 A
Input String	1
Max. DC Input Current	9 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	0.75 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	2.5 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	126 × 186 × 155 mm
Packing Size	238 × 180 × 216 mm
Net Weight	1.8 kg
Gross Weight	2.0 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK1500H

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	1.5 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	5 A
Input String	1
Max. DC Input Current	9 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	1.5 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	3.7 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	126 × 186 × 155 mm
Packing Size	238 × 180 × 216 mm
Net Weight	1.8 kg
Gross Weight	2.0 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK2200H

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	2.2 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	5.8 A
Input String	1
Max. DC Input Current	12 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	2.2 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	5.3 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	126 × 186 × 155 mm
Packing Size	238 × 180 × 216 mm
Net Weight	1.8 kg
Gross Weight	2.0 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK4000H

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	4 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	12 A
Input String	1
Max. DC Input Current	18 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	4 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	9.5 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	126 × 186 × 155 mm
Packing Size	238 × 180 × 216 mm
Net Weight	1.8 kg
Gross Weight	2.0 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK5500H

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	5.5 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	18.5 A
Input String	1
Max. DC Input Current	25 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	5.5 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	14 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	126 × 186 × 155 mm
Packing Size	238 × 180 × 216 mm
Net Weight	1.8 kg
Gross Weight	2.0 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK7500H

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	7.5 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	22.5 A
Input String	1
Max. DC Input Current	32 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	7.5 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	18.5 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	140 × 230 × 172 mm
Packing Size	310 × 220 × 260 mm
Net Weight	3.1 kg
Gross Weight	3.5 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK11KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	11 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	30 A
Input String	1
Max. DC Input Current	40 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	11 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	25 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	165 × 285 × 200 mm
Packing Size	365 × 245 × 290 mm
Net Weight	4.8 kg
Gross Weight	5.4 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK15KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	15 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	39 A
Input String	1
Max. DC Input Current	50 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	15 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	32 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	165 × 285 × 200 mm
Packing Size	365 × 245 × 290 mm
Net Weight	4.8 kg
Gross Weight	5.4 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK18KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	18.5 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	45 A
Input String	1
Max. DC Input Current	55 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	18.5 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	38 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	214 × 402 × 205 mm
Packing Size	485 × 300 × 295 mm
Net Weight	9 kg
Gross Weight	10 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK22KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	22 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	54 A
Input String	1
Max. DC Input Current	60 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	22 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	45 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	214 × 402 × 205 mm
Packing Size	485 × 300 × 295 mm
Net Weight	9 kg
Gross Weight	10 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK30KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	30 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	68 A
Input String	1
Max. DC Input Current	82 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	30 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	60 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	214 × 402 × 205 mm
Packing Size	485 × 300 × 295 mm
Net Weight	9 kg
Gross Weight	10 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK37KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	37 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	84 A
Input String	1
Max. DC Input Current	90 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	37 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	75 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	250 × 442 × 230 mm
Packing Size	545 × 328 × 338 mm
Net Weight	13.7 kg
Gross Weight	15 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK45KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	45 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	98 A
Input String	1
Max. DC Input Current	130 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	45 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	92 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	250 × 442 × 230 mm
Packing Size	545 × 328 × 338 mm
Net Weight	13.7 kg
Gross Weight	15 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK55KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	55 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	123 A
Input String	1
Max. DC Input Current	150 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	55 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	115 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	300 × 600 × 280 mm
Packing Size	695 × 393 × 462 mm
Net Weight	27 kg
Gross Weight	37 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK75KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	75 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	157 A
Input String	1
Max. DC Input Current	200 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	75 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	150 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	300 × 600 × 280 mm
Packing Size	695 × 393 × 462 mm
Net Weight	27 kg
Gross Weight	37 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK90KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	90 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	188 A
Input String	1
Max. DC Input Current	250 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	90 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	180 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	300 × 600 × 280 mm
Packing Size	695 × 393 × 462 mm
Net Weight	27 kg
Gross Weight	37 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK110KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	110 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	221 A
Input String	1
Max. DC Input Current	300 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	110 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	215 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	300 × 600 × 280 mm
Packing Size	695 × 393 × 462 mm
Net Weight	27 kg
Gross Weight	37 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK132KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	132 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	267 A
Input String	1
Max. DC Input Current	360 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	132 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	260 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	330 × 660 × 332 mm
Packing Size	760 × 423 × 527 mm
Net Weight	41 kg
Gross Weight	53 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

PK160KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	160 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	309 A
Input String	1
Max. DC Input Current	430 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	160 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	305 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20

Dimension and Weight

Product Dimension	330 × 660 × 332 mm
Packing Size	760 × 423 × 527 mm
Net Weight	41 kg
Gross Weight	53 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

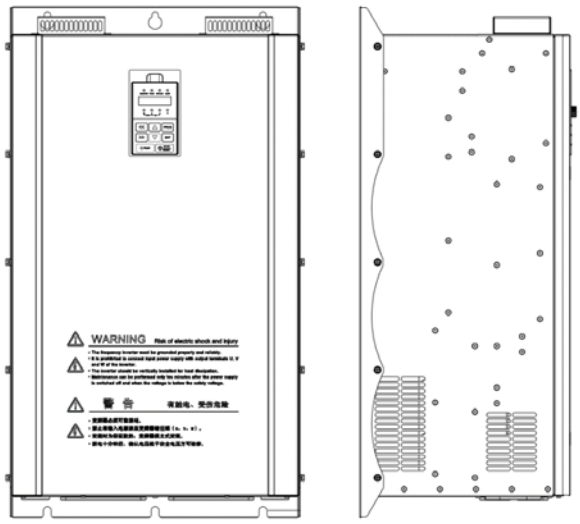
PK185KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	185 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	344 A
Input String	1
Max. DC Input Current	500 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	185 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	340 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20



Dimension and Weight

Product Dimension	480 × 853 × 354 mm
Packing Size	900 × 582 × 547 mm
Net Weight	90 kg
Gross Weight	106 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

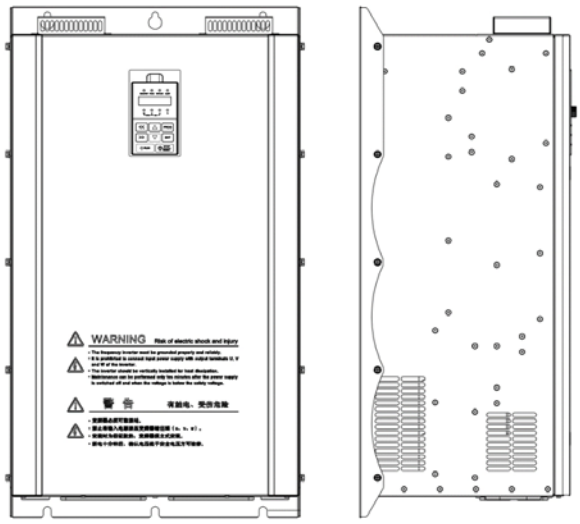
PK200KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional power supply automatic switching function to support grid/diesel back-up, meeting running requirement for day and night.
- Optional control box for hybrid power input.

Technical Data

Rated Power	200 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	384 A
Input String	1
Max. DC Input Current	550 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	200 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	380 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20



Dimension and Weight

Product Dimension	480 × 853 × 354 mm
Packing Size	900 × 582 × 547 mm
Net Weight	90 kg
Gross Weight	106 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

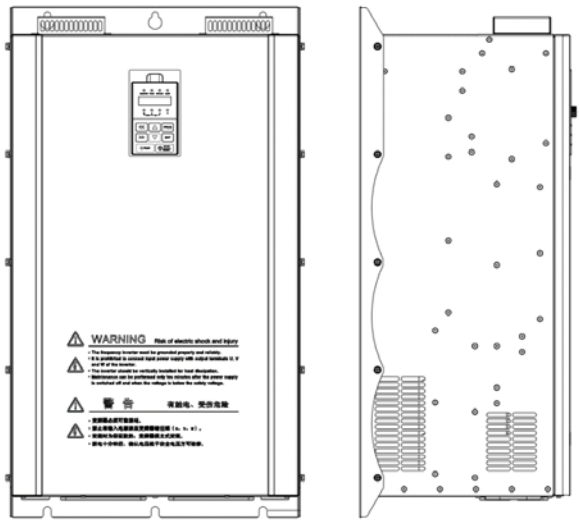
PK250KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional control box for hybrid power input.

Technical Data

Rated Power	250 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	484 A
Input String	1
Max. DC Input Current	700 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	250 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	480 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20



Dimension and Weight

Product Dimension	480 × 853 × 354 mm
Packing Size	900 × 582 × 547 mm
Net Weight	90 kg
Gross Weight	106 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.

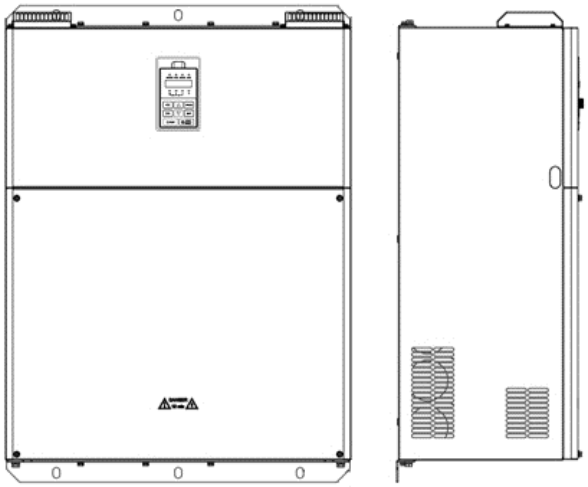
PK315KH

Solartech Solar Pumping Inverter

- Compatible with submersible pumps, surface pumps, swimming pool pumps and other pumps using three-phase/ single-phase asynchronous motors.
- Leading MPPT algorithm, fast response, good stability and maximum 99% MPPT efficiency.
- Faster speed of response and good stability.
- Fully automatic operation. Pump operation frequency range can be set based on project requirement.
- Support soft start of pump. Full motor protections. Optional water level switch to protect overflow and dry running.
- Optional control box for hybrid power input.

Technical Data

Rated Power	315 kW
AC Input Voltage	3PH 380 - 440 V
Max. AC Input Current	612 A
Input String	1
Max. DC Input Current	880 A
Max. DC Input Voltage	780 V
Recommended MPP Voltage*	500 - 600 V
Adapting Motor Power	315 kW
Adapting Motor Voltage	3PH 380 - 440 V
Rated AC Output Current	600 A
Output Frequency	0 - 50 / 60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	＞97%
Ambient Temperature*	-10 ~ 50 ℃
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP20



Dimension and Weight

Product Dimension	680 × 940 × 370 mm
Packing Size	1055 × 860 × 633 mm
Net Weight	125 kg
Gross Weight	151 kg

Relevant Information

Optional Accessory	Water level switch (for well or tank)
	DM-BR data monitor (for Remote Control)
Warranty	18 months

Standards

CE

EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61800-5-1:2007
EN 61800-3:2004+A1:2012

V1.2 1809

Recommended MPP Voltage*: Under standard test conditions, 1000W/m² solar iradiance, 25℃ cell temperature.

Ambient Temperature*: The rated output current should be derated by 2% for every 1 ℃ increase when temperature is over 40 ℃.