

Maxima 2200VA 24V inverter/UPS with 40 A charge controller



Model	MIFC100 - MIF500	MIFC650 - MIFC1200	MIFC1500 - MIFC2500	MIFC2500 - MIFC5500	MIFC5000 MIFC10000	MIF3P15000
Battery Voltage	12V	12V	24V	48V	180V	240V
Technology	DSP Based Full Bridge Topology					
Input / Output Phase	Single Phase					Three Phase
Output Voltage on Inverter Mode	220 +- 2%					
Output Frequency on Inverter Mode	50Hz +-0.1Hz					
Changeover Time UPS Mode	< 10 ms			NA		
Changeover Time Mains Mode	< 30 ms					
Changeover Time Mains Mode to Mains	Automatic					
Output Waveform on Backup Mode	Pure Sine Wave					
THD	< 3% (On Resistive/Linear Load)					
Charger	CCCV Charger					
Charging Current	Upto 15Amp*			Upto 15Amp*		
Surge Load Capacity	300%					
Input Voltage(UPS)	170-260+/-10V			NA		
Input Voltage(INV)	100-290+/-10V			160-260+/-10V		
Output Voltage on Mains Mode	Same as input					
Output Frequency on Mains Mode	Same as input					
Solar Charger						
System Battery Voltage	12V	24V	48V	96V	180V/240V	300V/340V
Maximum Connected Panel Array VOC	30V	50V	90V	200V	250V	350V
Maximum Panel Current	12/40Amps	10/40Amps	10/40Amps	10/40Amps	10/40Amps	10/40Amps
Suggested Solar Panel Watt Power	600W	1500W	2500W	5000W	8000W	10000W
DISPLAY, PROTECTION AND INDICATIONS						
Display	16X2 Alpha Numeric LCD Display with Led Indications					
Display Parameters	Output Power (Watt), Mains AC Voltage, Output Voltage, Temperature (Deg C), Battery Voltage, Charging (Amp)					
Protection with Buzzer Indications	Low Battery, Overload, Short Circuit, Over Temperature					
Auto Reset Features	Yes					

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