Maxima 1000VA 12V, inverter/UPS with 20A charge controller

TECHNICAL SPECIFICATIONS

Mode	100VA to 1KVA/12V
Input Voltage (UPS)	(180-260)V,45Hz to 55Hz
Input voltage (INV)	(90-290)V, 45Hz to 55Hz
Output Voltage on MAINS Mode	Same as input
Output Voltage on INV Mode	220±2%(Settable)
Switching from MAINS to INV and INV to MAINS	Automatic
Switching from MAINS to UPS and UPS to MAINS	Automatic
Output wave form on UPS/INV mode	Pure sine wave
Output THD	<2%
Type of Charger	CCCV/pulse charger
Charging AC input range	(130-290)V
Charging current	(1-10 Amp) Selectable
Surge load	300% / (3ms)
Switching frequency of charger	18KHz
Efficiency	75-85% Typical
Topology	Full bridge(DSP Based)
INV over load	Above 110%
Short CKT Protection (O/P)	CT sense
Battery low shut down	Yes
Auto restart low battery/over load	Yes
Display	LED/LCD

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Zero Drop Solar Charger Specs (Valid for Solar Hybrid & PCU Models only)

PV Panel Input Voltage	12V-21V
Output Voltage	12-15V
Output Current	10 - 40 Amp
Battery Full Charge cutoff	13.8V - 14.4VDC

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