



12 VDC PURE SINE INVERTER CHARGER

1000W | 1500W

2000W | 3000W



- Power Factor Corrected Charging, Wet, AGM, Gel
- Wide Operating Temperature Range (0F to 149F)
- Programmable charger AC input current maximum with automatic load management regulation
- 7-Segment LED Display with Battery Voltage Readout and Diagnostics
- Automatic short circuit/overload/over-temp protection
- Built-in AC Bypass Relay
- Dead battery charging, 0V minimum start
- Thermally Controlled Cooling Fan
- GFCI outlet protection
- LED indication of External power, Inverter power, Low input voltage, High temperature, & Overload
- Output circuit breakers
- Automatic low battery shutdown at 10.5 VDC (with in-rush delay)
- Programmable charger AC input current maximum with automatic load management regulation

	SPECIFICATION	TYPE	12NP10	12NP15	12NP20	12NP30
OUTPUT	Waveform	Shape	Pure Sine Wave, <5% THD Typical			
	Continuous Power	Watts	1000	1500	2000	3000
	Peak Power	Watts	2000	2500	4500	5500
	Voltage	VAC	120 ± 3%			
	Continuous Current	Amperes (AC)	8.3	12.5	16.7	25
	Peak Current	Amperes (AC)	35	40	80	80
	Frequency	Hz	60 Hz ± 0.05%			
INPUT	Motor Start Rating	hp	1/3	1/3	1	1
	Nominal VDC	VDC	12			
	Range VDC	VDC	10.5 - 17			
PROPERTIES	Current	Ampers (DC)	104	147	204	315
	Chassis	Size	Cube	Cube	Cube	Large
	Warranty	Years	4 Years, Advance Replacement first 2 years			
	Temperature	Degrees	-20° to 65° C (0° to 149° F)			
	UL Listed	UL 458	Ⓛ	Ⓛ	Ⓛ	Ⓛ
	Weight	lbs.	40	40	40	68
	DIMENSIONS	L x W x H inches	12 x 14.5 x 5.7	13.4 x 14.5 x 5.7	12 x 14.5 x 5.7	14.8 x 17.1 x 8
CHARGER	Battery Charger		Power Factor Corrected, 3-step, temperature compensated			
	Output Current	Amperes (DC)	60	75	125	150
	Input Current	Amperes (AC)	8	12	16	22
	Bypass Relay	Amperes (AC)	30			