

12LP15 AND 12LPC15 | INVERTER AND INVERTER/CHARGER

PURE SINE WAVE OUTPUT

Introduction

The 12LP15 inverter and 12LPC15 inverter/charger provides pure sine wave power.



Features

- Battery Profile Presets – Using the CAN Configurator Tool, easily set standard battery profiles on inverter/charger models, including Lithium Iron Phosphate (LFP), Gel, Flooded, and AGM.
- RV-C communication protocol
- Inverter/charger models come with a 20A bypass
- Cooling: Thermally controlled cooling fan
- Local Status LED: Provides inverter operation mode and troubleshooting information at a glance
- Surge: Surge rating for motor loads
- GFCI receptacle output and hardwired AC output

Options

- “A” option – AC hardwired output protected by GFCI
- “H” option – AC hardwired output only, no GFCI
- “R” option – Remote only, local switch inactive

Model Numbers

- Inverter: 12LP15, 12LP15A, 12LP15R, 12LP15AR
- Inverter/charger: 12LPC15, 12LPC15HR, 12LPC15R

Available For

- Marine Systems
- RV Systems
- Trucks
- Utility Vehicles

Available Accessories

- Remote: Optional remote on/off switch for inverter control



Pure Sine Wave



12

Battery Voltage Options



1500 W

Continuous Output Options



SPECIFICATIONS

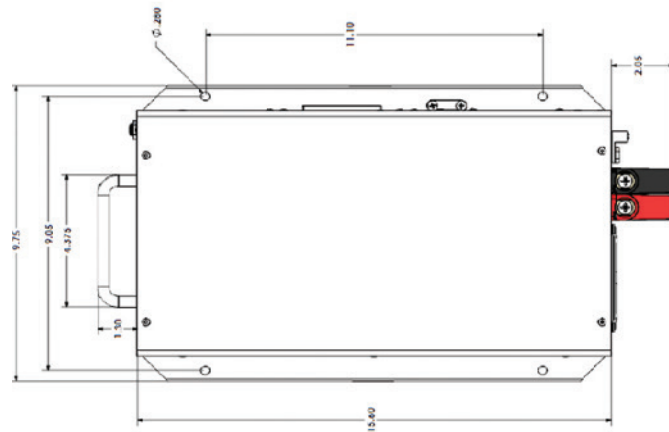


	12LP15	12LPC15
INVERTER SPECIFICATIONS		
Input Voltage: (Vdc)	10.5-15.0	10.5-15.0
DC Surge Voltage (Vdc)	Up to 24Vdc	Up to 24Vdc
Output Voltage (Vac)	120 +/- 5%	120 +/- 5%
Output Frequency (Hz)	60 +/- .05%	60 +/- .05%
THD	< 5% at 12.6Vdc and 1500W	< 5% at 12.6Vdc and 1500W
Output Waveform	Pure Sine < 5% THD	Pure Sine < 5% THD
Output Power (Watts Continuous)	1500	1500
Output Current (Aac Continuous)	12.5	12.5
Input Current (Adc Continuous)	Up to 167 at 12.6Vdc	Up to 167 at 12.6Vdc
Input Current (Adc Continuous)	Up to 190 at 10.5Vdc	Up to 190 at 10.5Vdc
Peak Power (Watts)	3000	3000
Peak Output (Aac)	25.0	25.0
Motor Starting Rating (h.p.)	1/2	1/2
Inverter Efficiency	Up to 80%	Up to 80%
CHARGER SPECIFICATIONS		
Charger Input Voltage (Vrms)		100 – 130
Charger Output Current (Adc)		65
Input Current Bypass (Arms)		20
PHYSICAL SPECIFICATIONS		
Weight (lbs.)	28	28
Dimensions in. (L x W x H)	19.0" x 9.75" x 4.8" [48.3cm x 24.8cm x 12.2cm]*	19.0" x 9.75" x 4.8" [48.3cm x 24.8cm x 12.2cm]*
Operating Temperature	-40°C to 50°C [-40°F to 122°F] **	-40°C to 50°C [-40°F to 122°F] **



DIMENSIONS

All dimensions are in inches



AGENCY APPROVALS & CERTIFICATIONS

- UL Listing to UL 458 6th Edition
- E100666

* Length includes DC terminals and handle.

** The operating temp range for a GFCI is -20°C to 50°C.
Testing for specifications at 25°C and 12.6Vdc,
measured at the inverter input terminals.
Specifications subject to change without notice.

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