



## 800 WATT POWER INVERTER MODEL: SLX-800- DRV

PLUG YOUR INVERTER INTO THE LIGHTER SOCKET OR CLAMP ON TO YOUR VEHICLE BATTERY TO CONNECT.

THEN PLUG YOUR DEVICE INTO THE INVERTER FOR POWER.



## HOUSEHOLD POWER FROM A 12V BATTERY

Charge laptops, smart phones, tablets, camera batteries and MP3 players. Make vacations with the kids more relaxing as they watch movies and play games without the fear of batteries going dead. Run a mobile office - print receipts, make copies, send emails... and never miss a call from your boss while you're playing hooky.

### DESIGN FEATURES

- Light weight, compact, highly portable
- Easy to install and operate
- 2.1 Amp USB Port (compatible with all new release smart phones)
- Load controlled cooling fan
- Cool surface technology
- Soft start technology
- Low battery input alarm
- Universal protection circuit – thermal, battery, overload, short circuit & earth fault
- Safety certified to UL standards
- 2 YEAR WARRANTY

### SPECIFICATIONS

|             |   |  |
|-------------|---|--|
| INPUT       | BATTERY SYSTEM VOLTAGE  | 12 VDC   |
|             | NOMINAL INPUT VOLTAGE   | 12.5 VDC   |
|             | INPUT VOLTAGE RANGE   | > 10.8 VDC to < 15.4 VDC   |
|             | INPUT CURRENT AT CONTINUOUS POWER   | 72A to 75A   |
|             | INPUT CURRENT AT NO LOAD  | 0.25A to 0.35A   |
| OUTPUT      | OUTPUT VOLTAGE WAVE FORM  | Modified Sine Wave   |
|             | OUTPUT VOLTAGE (FREQUENCY)  | 115VAC + 10% / -2%; 60 Hz ± 5%   |
|             | OUTPUT POWER, CONTINUOUS (RESISTIVE LOAD)                                   | 800W   |
|             | OUTPUT POWER, SURGE (<1 SEC., RESISTIVE LOAD)                               | 1600W  |
|             | PEAK EFFICIENCY (AT 50% OF CONTINUOUS POWER)                                | 90%  |
| PROTECTIONS | USB CHARGING PORT   | USB 3.0, Connector Type "A": 5 VDC, 2.1A   |
|             | LOW INPUT VOLTAGE ALARM   | 10.8 VDC ± 0.3 VDC   |
|             | LOW INPUT VOLTAGE SHUTDOWN  | 10.5 VDC ± 0.3 VDC   |
|             | HIGH INPUT VOLTAGE SHUTDOWN   | 15.4 VDC ± 0.2 VDC   |
|             | OVERLOAD AND GROUND FAULT SHUT DOWN   | Yes. Latches in shutdown condition. Manual reset: Switch OFF the ON/OFF switch, wait 3 mins and Switch ON again. |
| OUTLETS     | OVER TEMPERATURE SHUTDOWN   | Yes. Auto reset on cooling down.   |
|             | COOLING FAN   | Load controlled: Switches ON at 35W to 45W   |
|             | INPUT FUSE: 32V, AUTOMOTIVE TYPE ATC (INSIDE THE UNIT, NOT USER ACCESSIBLE) | 105A (3 x 35A in parallel)   |
|             | DC INPUT  | M4 Thumb Screw   |
|             | AC OUTPUT   | Two NEMA5-15 R Outlets   |
| GENERAL     | OPERATING TEMPERATURE RANGE   | 0°C to 25°C / 32°F to 77°F at 100% loading;<br>26°C to 35°C / 78.8°F to 95°F at 80% loading                      |
|             | OPERATING HUMIDITY  | < 80% Non-condensing   |
|             | NEUTRAL TO CHASSIS BONDING  | No. Neutral of the NEMA5-15 R AC Outlet is isolated from the chassis   |
|             | DIMENSIONS (W x D x H)  | 180 x 218 x 59 mm<br>7.0 x 8.6 x 2.4 in  |
| SAFETY      | WEIGHT  | 1.32 kg / 2.91 lb  |
|             | DC INPUT CABLES INCLUDED  | AWG#8 Cable with battery clamps  |
|             | Safety Compliance   | Conforms to UL 5 TD 458  |

NOTE: Specifications are subject to change without notice

