

# ALL PSU DATA SHEET

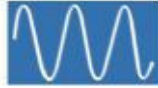
## 1500 Watt, Sinewave Inverter, SK1500 Series

### Pure Sine Wave Inverter SK Series

#### Model : SK1500-XXX

#### Features and Specifications

- Pure sine wave output (THD < 3% ).
- Output frequency : 50/60Hz switch selectable
- Input & output fully isolation design
- High efficiency 89~95%
- "Low power saving mode" to conserve energy.
- Tri-Color Indicators display input voltage, output load level and failure status.
- Loading controlled cooling fan
- Advanced microprocessor
- SC / OV / UV / OT / OL protections.



UK, Euro or USA Output Socket Available

| Specification                 | Model No.   |             |            |  |             |             |
|-------------------------------|---|-------------|------------|--|-------------|-------------|
|                               | SK1500-112  | SK1500-124  | SK1500-148 | SK1500-212   | SK1500-224  | SK1500-248  |
| Continuous Output Power       | 1500W   |             |            |  |             |             |
| Maximum Output Power (3Min.)  | 1725W   |             |            |  |             |             |
| Surge Rating                  | 3000W   |             |            |  |             |             |
| Input voltage                 | 12V   | 24V         | 48V        | 12V  | 24V         | 48V         |
| Output Voltage                | 100 / 110 / 120V ± 3%   |             |            | 220 / 230 / 240V ± 3%  |             |             |
| Frequency (Switch Selectable) | 50 / 60Hz ± 0.05%   |             |            |  |             |             |
| Output Waveform               | Pure Sine Wave ( THD < 3% )   |             |            |  |             |             |
| Efficiency (full load)        | 88.0%   | 91.0%       | 92.0%      | 90.0%  | 93.0%       | 94.0%       |
| No Load Current Draw          | 1.45A   | 0.75A       | 0.40A      | 1.40A  | 0.70A       | 0.40A       |
| Stand-By Current Draw         | 0.28A   | 0.15A       | 0.09A      | 0.28A  | 0.15A       | 0.09A       |
| Input Voltage Regulation      | 10.5-15 VDC   | 21.0-30 VDC | 42-60 VDC  | 10.5-15 VDC  | 21.0-30 VDC | 42-60 VDC   |
| Input Level Indicator         | Red / Orange / Green LED  |             |            |  |             |             |
| Load Level Indicator          |   |             |            |  |             |             |
| Failure Indicator             |   |             |            |  |             |             |
| Protection                    | Overload, Short Circuit, Reverse Polarity (Fuse), Over / Under Input Voltage, Over Temperature. |             |            |  |             |             |
| Remote Control Unit           | CR-6 / CR-7 / CR-8 Optional   |             |            |  |             |             |
| Safety                        | Meet UL458  |             |            | Meet EN60950   |             |             |
| EMC                           | Meet FCC Class A  |             |            | Meet EN50081-1: 1992<br>Meet EN50082-1: 1992<br>Meet EN55022B: 1994<br>Meet EN550204: 1995<br>Meet EN61000-4-2: 1995<br>Meet EN61000-4-3: 1996 |             | Meet e-Mark |
| Operating Temperature Range   | 0 - 40 °C   |             |            |  |             |             |
| Storage Temperature Range     | -30°C to 70°C   |             |            |  |             |             |
| Cooling                       | Loading controlled cooling fan ( 65°C ON , 45°C OFF)  |             |            |  |             |             |
| Dimensions                    | 415(L)*191(W)*88(H)mm / 16.34(L)*7.52(W)*3.46(H) Inch   |             |            |  |             |             |
| Weight                        | 4.8kg / 10.56 Lbs.  |             |            |  |             |             |

*Other Sinewave output inverters are available from 200 Watts to 3000 Watts.  
A full range of Lead-Acid Batteries & 3 Stage Chargers are also available.  
For more information please contact the ALL PSU Sales office.*

Specifications may change without notice, E&OE. ALL PSU Terms & Conditions Apply.

ALL PSU Ltd, Unit D6 Laser Quay, Culpeper Close, Medway City Estate,  
Rochester, Kent, ME2 4HU, Tel : 01634 725527, Fax : 01634 739111  
Email : [sales@allpsu.co.uk](mailto:sales@allpsu.co.uk), Web : [www.allpsu.co.uk](http://www.allpsu.co.uk)