

# A300-2K5

## 2500W Inverter Modified Sine Wave



### FEATURES

- Modified Sine Wave Output
- 12V or 24V DC input
- Power ON/OFF switch
- Input voltage range -15~+25%
- Output regulation  $\pm 10\%$
- Battery Low Alarm
- Battery Low Shutdown
- Battery Polarity Protection
- Battery Over Volt Protection
- Output Short Circuit Protection
- Output Overload Protection
- Over Temperature Protection
- Optional Output Sockets
- ON/OFF Remote control (optional)

### ENVIRONMENTAL

Operating Temp: 0 to +25°C  
100% load

### SAFETY / EMC

Compliance to EN60950

Compliance to:  
EN55022 class B  
72/245/CEE  
95/54/CE  
EN61000-4-2,-3

### ELECTRICAL SPECIFICATIONS

|                           |                                    |
|---------------------------|------------------------------------|
| Rated Output Power (Typ.) | 2500W                              |
| Surge Output Power        | 5000W peak                         |
| DC Input rated Voltage    | 12VDC or 24VDC                     |
| AC Output Voltage/Freq.   | 110VAC, 60Hz<br>230VAC, 50Hz       |
| AC Waveform               | Modified sine wave                 |
| AC regulation             | $\pm 10\%$ of rated output voltage |
| No Current Draw           | 0.9A at 12VDC / 0.6A at 24VDC      |
| Size                      | 430 x 210 x 159mm                  |
| Weight                    | 8.7kg                              |

| Model No.   | Input<br>VDC | Output<br>VAC / Hz | Effi. |
|-------------|--------------|--------------------|-------|
| A301-2K5-B2 | 10.0 - 15.0  | 110 / 60           | 90%   |
| A301-2K5-F3 | 10.0 - 15.0  | 230 / 50           | 90%   |
| A302-2K5-B2 | 21.0 - 30.0  | 110 / 60           | 90%   |
| A302-2K5-F3 | 21.0 - 30.0  | 230 / 50           | 90%   |

Specifications subject to change without notice

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