FSD242500

Output

AC Voltage	220/230/240VAC
Rated Power	2500W
Surge Power	Load 120~150%(3min.) 5000W (3sec;resistive)
Waveform	Pure Sine Wave(THD<3%)
Frequency	50/60Hz ±0.05%
AC Regulation	±10%
Power Factor Allowed	COSθ-90°~COSθ+90°
Standard Receptacles	USA/British/Franch/Schuko/UK/ Australia/Universal etc. optional
LED Indicator	Green for power on, red for faulty status
USB port	5V 2.1A
LCD display	voltage, power, protection status (optional)
Remote control function	default
Remote controller	CR80/CRD80/CRW88 optional

Input

No Load Current Draw	≤0.80A
DC Voltage	24VDC
Voltage Range	21~30VDC
Efficiency(Typ.)	89%~93%
Fuse	20A×10
Remote Control	Function (optional)

Environment

Working Temp.	0~+50℃
Working Humidity	20~90%RH non-condensing
Storage Temp. &Humidity	-30~+70℃,10~95%RH

Protection

BAT. Low Alarm	21±1.0VDC
BAT. Low Shutdown	20±1.0VDC
Over Load	Shut down output voltage, restart to recover
Over Voltage	31±1.0VDC
Over Temperature	Shut down output voltage, recover automatically after temperature goes down
Output Short	Shut down output voltage , restart to recover
DC Input Reverse Polarity	By fuse
Earth Fault	Shut off o/p when the load has electrical leakage
Soft Start	Yes, 3-5 Seconds

Safety & EMC

Safety Standards	Certified EN 60950-1; 2006+A11: 2009+A1: 2010+A12: 2011+A2: 2013
Isolation Resistance	I/P-O/P:100M Ohms/500VDC
EMI Conduction & Radiation	Certified EN 62040-2:2006, EN61000-3-2; EN61000-3-3;
EMS Immunity	Certified IEC61000-4-3, IEC61000-4-6
E-MARK	Certified ECE RIO.05:2014

Others

Dimension(L×W×H)	442.2×261.3×112.7mm
Packing	7.3kg;2pcs/15.5kg/0.07m³
Cooling	Load control fan or by thermal control fan
Application	Home and Office appliances Portable Power Equipment Vehicle,Yacht and Off-Gid Solar power systems...etc.