



SDS Series

3KVA-10KVA



Control Panel

S-Power Double Conversion on-line design, which makes the output a pure sine wave source which tracking frequency, phase-lock and voltage regulation, noise suppression, and without power fluctuation interface, providing the load with more comprehensive protection. And IP20 Cabinet. Zero transfer time of output, satisfies high standard power requirements of precision equipment. Modular design and dual-CPU control, high reliability and stability ensure the safe operation and high efficiency.

FEATURES

- 16 Bit DSP Controller
- Inbuilt Isolation Transformer
- Inbuilt Static Switch
- Inbuilt Manual Changeover Switch
- 100% Unbalance Load
- Output Voltage Regulation <1%
- Rectifire Current Limit Function





Technical Specification

Model	SDS 1103L8	SDS 1105L10/L15/L16	SDS 1106L10/L15/L16	SDS 1108L10/L15/L16	SDS 1110L16	SDS 3110L16
System Rating kVA	3KVA	5KVA	6KVA	8KVA	10KVA	10KVA
Mains Input						
Input Supply Phases	1 Phase 2 Wire					3 Phase 4 Wire
Nominal Voltage & Range	220V/230V(+15%,-15%)					415V(+15%,-15%)
Grid Frequency Range	50 Hz +/- 10%					50 Hz +/- 10%
Battery						
Voltage	96V	120/180/192V	120/180/192V	120/180/192V	192V	192V
Max Battery Charging Current	1Amp-10Amp Load Adjustable					
Inverter						
Switching Device	IGBT					
Control	16-Bit DSP Controlled					
Ouput Waveform	Pure Sinewave					
Nominal Output Voltage	220V/230V/240V AC (L-N) 1-Phase					
Output Voltage Regulation	<=1%					
OverLoad Capacity	101-125% for 10 minutes, 125-150% for 1 minute, 150-200% for 30 sec, >200% for 60mSec,					
Output Supply	1 Phase 2 Wire					
Power Factor	0.8					
Output Frequency	50Hz +/- 1%					
Voltage Regulation	<3%					
Crest Factor	3 : 1					
Cooling	Forced Air Cooled					
Colour	Black matte					
Protection degree	IP-20					
Communication	RS 232 / Bluetooth / GPRS Based Remote Monitoring (Optional)					
Galvanic Isolation	Inbuilt Isolation Transformer					
Protections						
	1. Output Over/Under Voltage					
	2. Battery Over/Under Voltage					
	3. Output Overload					
	4. Output Short Circuit					
	5. Input Over/Under Voltage					
	6. Over Tempareture					
Display						
	Output - Voltage,Current,Load %					
	Grid - Voltage					
	Battery - Voltage , Current, Capacity					
	Inverter Heatsink Temperature					
	Load On : Inverter/ Bypass					
LED Indications						
	1. Grid On					
	2. UPS On					
	3. Battery On					
	4. Load On					
	5. Load on Bypass					
	6. Battery Low					
Enviroment						
Operating Tempareture	0 - 45°C					
Relative Humidity	Upto 95					
Altitude	< 1000m No Derating					
Dimensions (LxWxH) in mm	500X325X500	600X350X600	600X350X600	700X450X800	700X450X800	700X450X800
Weight Kg.	38Kg	47Kg	55Kg	69Kg	90Kg	105Kg

Sole Distributor:

S-POWER B.P.E. PVT. LTD

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