



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						
Output 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 Temperature						
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 Temperature	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	

Mktg & Mfd By :

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Dealer :