Reliability

Power

S SERIES
S1010 / S1050 / S1060

Features

- CPU controlled UPS

- True RS232 interface

- Power stage designed with high frequency isolation transformer (DC-AC)

- State-of-the-art technology of common neutral power stage prestaged with input power factor correction

- Line fault detection

- Green mode function

- SNMP/HTTP Communication interface (optional)

Specifications

Model No	S1010	S1050	S1060
Nominal Vothage	220V		
Rated Power at p.f.=0.7	1000VA/700W	5000VA/3500W	6000VA/4200W
Input			
Voltage	160~276V	170~272V	
Phase	Single Phase		
Frequency	50/60 Hz +/- 5Hz		
Output			
Voltage (Selectable)	200V	208V	
	220V	220V	
	230V	230V	
	240V	240V	
Frequency	50/60Hz (Auto Tracking)	ISO. TX. (Optional)	
AC to AC Efficiency (AC Mode)	> 83%	> 85%	
Voltage Regulation	±3%	+/-3%	
Frequency Stability	+/-0.3%		
Transient Response	±7%@100% load step	+/-7%@100% load step	
Distortion (THD)	<3% @linear load		
Overload Capability	Sustaining at 50sec@ 105% load; IImmediate Response @150% load		
Crest Ratio	3 : 1		
Green Mode	activates @ load < 60W	activates @ load < 300W	
Transfer Time	Zero for Line Fails or Recovers		
	< 4 ms when UPS transfers to Bypass or Reverse		
	Auto Transfer to UPS while de-overload		
Battery			
DC Voltage / No. of Cells	36V / 3 pcs	240V / 20 pcs	
Type / Weight	Sealed Lead-Acid 12V 7AH ; 2.5 kgs / cell		
Backup Time	7 min @ full load	10 min @full load	7 min @full load
	20 min @50% load	30 min @50% load	25 min @50% load
Recharge Time	8 Hours revocer up to 90%		
Controls			
Inverter On / Off Pushbutton	Turning on / off	Turning on (AC mode only) / off	
Functional / Set Pushbutton	N / A	N / A	
Output Voltage Selection	via DIP Seitch	via DIP Switch	
Maintenance Bypass Switch	Optional	Included	
LED / Alarm Indicators			
LED Indicators	fault, line, inverter, load, bypass, green mode, battery discharge/recharge level, boost/DC startup mode		
Audible Alarm	DC mode, low battery, voltage error, frequency frror, high temperature, over load, fault		
Interface	RS232 (Standard); DB9 or SNMP or HTTP (Optional)		
Environmental			
Audible Noise at 1 meter	<= 45 dBA	<= 55 dBA	
Operating Temperature	0 ~ 40℃		
Humidity	0 ~ 95% non-condensing		
Mechanical			
Dimensions (WxDxH mm)	152 x 400 x 220	260 x 560 x 600	
Mass-with Battery with ISO. TX.	N/A	140 kgs	
Mass-with Battery w/o ISO. TX.	15 kgs	95 kgs	
Mass-w/o Battery w/o ISO. TX.	7.5 kgs	45 kgs	