

Inverter Series

Emergency backup for frequent black out areas

IS550 / IS1050 / IS1100LT / IS2200LT / IS3000LT /
IS2000LR / IS2700LR / IS4000LR / IS5000LR /
IS1100NT / IS1700NT / IS2500NT / IS3500NT /
IS1100NR / IS1700NR / IS2500NR / IS3500NR



* IS550 / IS1050

IS550 / IS1050

Features

- * Suitable for high inrush current power supplies
- * Fully digitized microprocessor control
- * LED indicators front panel
- * Short circuit, overload, over charge voltage, over temperature protection
- * Cold Start
- * Up to 8A charging current
- * User selectable Narrow / Wide range input voltage
- * Auto charging when UPS is off
- * Overload shutdown, auto return to normal mode after overload alarm is disabled

Specifications

Model		IS550	IS1050
Capacity (VA / W)		550VA / 330W	1050VA / 600W
Crest Factor		3:1	
INPUT	Voltage	230 Vac	
	Voltage Range (V)	Narrow : 170 - 280 ; Wide : 90 - 280	
	Frequency Range (Hz)	50 or 60 Hz +/- 10% (auto sensing)	
OUTPUT	Voltage (V)	Simulated sine wave at 230 +/-10%(DC MODE)	
		Sine wave follow I/P Voltage (AC MODE)	
	Frequency (Hz)	50Hz or 60Hz +/-0.1Hz	
	Wave Form	Simulated sine wave (DC MODE) Sinewave (AC MODE)	
EFFICIENCY	AC to AC	> 95 %	
	DC to AC	> 80%	
TRANSFER TIME	Bypass to Inverter (ms)	7ms typical	
	Inverter to Bypass (ms)	7ms typical	
LINE / INV	AC to DC	Narrow : 264 - 287	Narrow: 264 - 287
	DC to AC	Narrow 253 - 275	Narrow : 257 - 272
	AC to DC	Narrow : 163 - 180	Narrow : 80 - 100
	DC to AC	Narrow : 174 - 194	Narrow : 86 - 106
LED DISPLAY	Line Mode	Green LED	
	Battery Mode	Yellow LED	
	Battery Fault / Overload	Red Led (1)	
	Over Temp	Red Led (2)	
PROTECTION	Overload Protection	Inverter automatic shutdown in case of overload	
	Short Circuit Protection	Inverter output is immediately cut off	
	Thermal Protection	(1) Fan ON (2) Over Temp. LED ON, 3 min later Inverter cut-off	
DC INPUT	Voltage / Load	12Vdc (10 ~ 14.5 Vdc)	24 Vdc
	Voltage Range	10 ~ 14.5 Vdc	20 ~ 29 Vdc
CHARGER	Charging Voltage	13.7	27.4
	Charging Current	8A	5A
	Over Charge Protection	14.5	29
COOLING		Fan	
WEIGHT (NET/GROSS)	Kg(lb)	1.6 (3.52 lb) / 1.9 (4.18 lb)	1.8 (3.96 lb) / 2.1 (4.62 lb)
DIMENSION (Physical/Packing)		(in)	
L x W x H		(mm)	
		4.8x5.4x4.0 / 11.9x4.7x11.3 136x102x123 / 302x120x286	
AUDIBLE NOISE		<40dBA (1 meter from surface)	
ENVIRONMENT	Temperature	0 °C ~ 40 °C	
	Humidity	0 - 95% humidity (non condensing)	

Front Panel

IS550 / IS1050



Rear Panel

IS550 / IS1050

