

Olympus Power Pvt.Ltd

Technical Features



SI2048

Type	SINE WAVE
Models	SI2048
<u>INPUT</u>	
Input Voltage Range	100V ~ 300V(Wide input voltage range)
	180V ~ 270V(Normal input voltage range)
Nominal Input Voltage(s) Supported	220V AC , 50Hz
Input connection type	Hard Wire
BATTERY Full Load Runtime (minutes)	Depends on Load & Battery AH
<u>OUTPUT</u>	
Output Volt Amp Capacity(VA)	2000
Output Watt Capacity (watts)	1600
DC System Voltage (VDC)	48
Output Voltage	220V \pm 5%
Frequency Compatibility	50Hz \pm 2%
Load PF Range	0.8 Lagging
Load Capacity	>110% faulty after 300ms
Phases	1Phase - 3 Wire (L.N.E)
Output AC waveform	Pure Sine Wave
Efficiency	> 88%
<u>GENERAL</u>	
LCD / LEDs Indications	UPS ON (Yellow), Battery Low (Red), Mains ON (Green),Charging (Green), Overload(Red)
Alarms	Audible alarm indicates power failure and overload conditions
Switches	1)Switch control off/on power status
	2)Switch for mains input voltage range
	3)Switch to select the maximum charging voltage
Protection	> 300% Load (with manual reset function)
Cooling Method	Forced air cooled
Transfer time	Battery to line mode : 15 milliseconds / Line to battery mode : 15 milliseconds
<u>DIMENSIONS</u>	
Cabinet Dimensions(HxWxL)mm	352 X 225 X 350
Cabinet Weight (kg)	26.9
Shipping Dimensions(HxWxL)mm	200 X 320 X 400
Shipping Weight (kg)	28.02
Housing Material	Powder coated / painted MS
<u>ENVIRONMENTAL</u>	
Operating Temperature Range	0°C to 50°C
Relative Humidity	95% (non-condensing)
Degree of Protection	IP 20

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No of Battery	4
Battery Charging Profile(Boost /Foat)	Suitable according to Battery type (eg:VRLA/SMF/Wet Lead Acid Battery)
Max Charging Current(when battery is fully discharge)	10A ±2amp

SPECIAL FEATURES

Cold Start (startup in battery mode during a power failure)	Cold - start operation supported
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CERTIFICATIONS

Quality Certifications	ISO 9001:2008
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WARRANTY

Product Warranty Period	1 - year limited warranty
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We are committed to continuous development of our products, the specifications are subject to change without notice.