

# Olympus Power Pvt.Ltd

## Technical Features



### SI312

Type	SINE WAVE
Models	SI312
<b><u>INPUT</u></b>	
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
<b><u>OUTPUT</u></b>	
Output Volt Amp Capacity(VA)	300
Output Watt Capacity (watts)	240
DC System Voltage (VDC)	12
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%
<b><u>GENERAL</u></b>	
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
<b><u>DIMENSIONS</u></b>	
Cabinet Dimensions(HxWxL)mm	130 X 250 X 290
Cabinet Weight (kg)	5.86
Shipping Dimensions(HxWxL)mm	200 X 320 X 400
Shipping Weight (kg)	6.74
Housing Material	Powder coated / painted MS
<b><u>ENVIRONMENTAL</u></b>	
Operating Temperature Range	0°C to 50°C
Relative Humidity	95% (non-condensing)
Degree of Protection	IP 20

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### BATTERY

No of Battery	1
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.