

Olympus Power Pvt.Ltd

Technical Features



SI1024

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|-------------------------------------|--|
| Type | SINE WAVE |
| Models | SI1024 |
| <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) | 1000 |
| Output Watt Capacity (watts) | 800 |
| DC System Voltage (VDC) | 24 |
| 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 | 341 X 210 X 350 |
| Cabinet Weight (kg) | 14.32 |
| Shipping Dimensions(HxWxL)mm | 205 X 500 X 445 |
| Shipping Weight (kg) | 15.2 |
| 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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BATTERY

| | |
|---|---|
| No of Battery | 2 |
| 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

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

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| Quality Certifications | ISO 9001:2008 |
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WARRANTY

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|-------------------------|---------------------------|
| 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.