

Olympus Power Pvt.Ltd

Technical Features



LF10120

Type	3 Phase Input - 3 Phase Output
Model	LF10120
<u>INPUT</u>	
Input Voltage Range	380V ~ 480V AC
No of Phases	3Phase - 4Wire
Input Frequency	45Hz - 55Hz
UPS Input connection type	Hard Wire
BATTERY Full Load Runtime (minutes)	Depends on Load & Battery AH
<u>OUTPUT</u>	
Output Capacity (KVA)	10 KVA
Power (watts)	8000
DC System Voltage (VDC)	120V
Frequency Compatibility	50Hz \pm 0.1Hz
Output Voltage	415V \pm 2%
Output waveform	Pure Sine Wave
Load PF Range	0.8 Lagging
Load Crest Factor	3:1
Efficiency	>85%
Load Capacity	>110% for 300ms
Phases	3Phase - 4Wire
Output Voltage THD	\leq 3% (Linear Load)
<u>GENERAL</u>	
LCD / LEDs Indications	Mains ON, Inverter ON, Battery Low Trip, Mains Fail, Battery Low Alarm / as per customer's specification
Alarms	Power Failure, Battery Low & Overload Short Circuit
Switch	One Switches control off / on power status
Maintenance By-Pass	Manual By-Pass Switch
Protection	Battery Low & Overload , Short circuit , Mains UV / OV, Output UV / OV , Single Phasing & Phase unbalance (for 3-Ph input only)
Cooling Method	Forced air cooled
<u>DIMENSIONS</u>	
Cabinet Dimensions(HxWxL)mm	600 X 355 X 700
Cabinet Weight (kg)	60 Kg

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Shipping Dimensions(HxWxL)mm	615 X 370 X 715
Shipping Weight (kg)	70 Kg
Housing Material	Powder coated / painted MS
<u>ENVIRONMENTAL</u>	
Operating Temperature Range	0°C to 50°C
Relative Humidity	95% (non-condensing)
Acoustic Noise	≤51dB at 1.5 meter
Degree of Protection	IP 20
<u>BATTERY</u>	
Number of Battery	10
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
<u>SPECIAL FEATURES</u>	
Cold Start (startup in battery mode during a power failure)	Cold - start operation supported
<u>CERTIFICATIONS</u>	
Quality Certifications	ISO 9001:2008
<u>WARRANTY</u>	
Product Warranty Period	1 - year limited warranty

We are committed to continuous development of our products, the specifications are subject to change without notice.