

# Olympus Power Pvt.Ltd

## Technical Features



### **LF7.572**

Type	3 Phase Input - 3 Phase Output
Model	LF7.572
<b><u>INPUT</u></b>	
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
<b><u>OUTPUT</u></b>	
Output Capacity (KVA)	7.5 KVA
Power (watts)	6000
DC System Voltage (VDC)	72V
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)
<b><u>GENERAL</u></b>	
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
<b><u>DIMENSIONS</u></b>	
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
<b><u>ENVIRONMENTAL</u></b>	
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
<b><u>BATTERY</u></b>	
Number of Battery	6
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
<b><u>SPECIAL FEATURES</u></b>	
Cold Start (startup in battery mode during a power failure)	Cold - start operation supported
<b><u>CERTIFICATIONS</u></b>	
Quality Certifications	ISO 9001:2008
<b><u>WARRANTY</u></b>	
Product Warranty Period	1 - year limited warranty

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