

LIFT UPS



Advance MICRO CONTROLLER based LIFT UPS products have been carefully designed to operate in both industrial and commercial environments. In commercial applications, our Lift inverter products fit according to aesthetically into the environment and perform reliably for years.

SALIENT FEATURES

Micro Controller/DSP Based smart controller design.

Pure Sine Wave Output.

Electronic Overload and Short Circuit Protection.

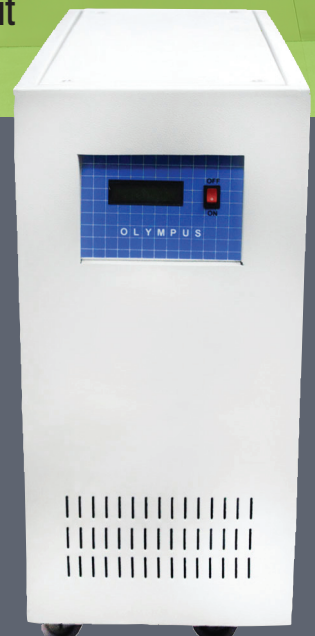
Easily Serviceable.

Auto Reset Feature.

Mains Input Voltage Range Selection.

Multi Stage Charging.

Audio Visual Indications (Status & Fault).



Model	LF7.572	LF10120 / LF10180	LF15180	LF25360
<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)	7.5 KVA	10KVA	15KVA	25KVA
Power (watts)	6000	8000	12000	20000
DC System Voltage (VDC)	72V	120V / 180V	180V	360V
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			
Alarms	Power Failure, Battery Low & Overload Short			
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			
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	6	10 / 15	15	30
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 \pm 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.