

# LIFT UPS

No  
Power

 **RAW POWER** Alroiya



## KEY FEATURES OF LIFT UPS

- ▶ 16 Bit DSP Based System
- ▶ Highly Reliable & Compact Design
- ▶ Onsite Settable Changeover Delay (0 to 35 Sec)
- ▶ Onsite Settable Battery Charging Current (2 to 10A)
- ▶ Onsite Settable Door Open Shutdown Delay (0 to 10 Sec)
- ▶ Onsite Output Voltage Settable Through LCD
- ▶ Potential Free Contact (PFC)
- ▶ 100% Load Unbalancing Feature
- ▶ Load Transfer Through Static Switch
- ▶ Built-in Isolation Transformer
- ▶ Interactive Front Panel Display
- ▶ Higher IGBT Ratings
- ▶ Overload Re-start

## Technical Specifications for Lift UPS

Model	LI-6K	LI-10K	LI-15K	LI-20K	LI-25K
System Rating kVA	6kVA	10kVA	15kVA	20kVA	25kVA
<b>Mains Input</b>					
Input Supply Phases	3 Phase 4 Wire				
Nominal Voltage & Range	415V(+15%,-15%),50Hz				
Grid Frequency Range	50Hz+/-5%				
<b>Battery</b>					
Voltage	72V	120V	180V	240V	300V
Battery Charging Current (Settable)	2 to 10A	2 to 10A	2 to 10A	2 to 10A	2 to 10A
<b>INVERTER</b>					
Switching Device	IGBT				
Control	16-Bit DSP Controlled				
Output Waveform	Pure Sinewave				
Nominal Output Voltage	220 VAC / 230VAC / 240 VAC (L-N) Settable through LCD				
Nominal Output Current per Phase	9A	15A	22A	29A	36A
Max. Input & Output Cable & Connectors Rating per Phase	60A	125A	125A	125A	125A
IGBT Rating	200A/600V	400A/600V	400A/600V	400A/600V	400A/600V
Static Switch Rating per Phase	106A	106A	162A	162A	162A
Overload	101-150% (6 times auto recovery) 45 Sec ON time with 8 sec OFF time,				
	151-200% (6 times auto recovery) 15 Sec ON time with 8 sec OFF time,				
	201-300% for 5 Sec,				
	301-350% for 1 Sec,				
Output Supply	3 Phase 4 Wire				
Power Factor	0.85				
Output Frequency	50Hz +/- 1%				
Voltage Regulation	<3%				
Crest Factor	3 : 1				
Change Over Delay Using Static Switch	Grid <-> UPS : 5 mSec to 35 Sec Settable through Display,				
Cooling	Forced Air Cool				
Cooling	Black matte				
Protection degree	IP-20				
Galvanic Isolation	Inbuilt Isolation Transformer				
<b>Protections</b>					
	1. Output Over/Under Voltage	2. Battery Over/Under Voltage	3. Output Overload		
	4. Output Short Circuit	5. Input Over/Under Voltage	6. Input Phase Reversal		
<b>Shut Down Feature</b>	2 Sec Sensing & then shut down after 0 to 20 Sec (Settable through Display)				
<b>PFC Contact</b>	NO, NC & C Potential Free Contact				
<b>Display</b>					
	RAW POWER ALROIYA LIFT UPS	Output R,Y,B- Voltage,Current,Load %		Input R,Y,B- Voltage	
	Battery - Voltage , Current, Capacity	Set Points Details	Fault Status during Event	Load On : INV/ Grid	
<b>LED Indications</b>					
	1. Input ON (R,Y,B)	2. Output On (R,Y,B)	3. Phase Reversal	4. Overload	
	5. Battery UV/OV	6. UPS ON	7. Charging ON	8. Power ON	
<b>Switches</b>					
	1. UPS ON/OFF Switch	2. LCD Scroll Button	3. Program Button	4. Setting Button	
<b>Environment</b>					
Operating Temperature	0 - 50°C				
Relative Humidity	Upto 95				
Altitude	<1000m No Derating				
Dimensions (LxWxH) in mm	610 x 260 x 540	700 x 310 x 700		810 x 400 x 800	



## OFFICE ADDRESS

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