



LIFT INVERTER SYSTEMS 5.0 KVA TO 50 KVA (3PH-3PH)

SL	PARAMETERS	TECHNICAL SPECIFICATIONS
1	Model	5.0 KVA TO 50 KVA Lift Inverter Systems
2.	Technology	IGBT / Mosfet
3.	Input Voltage	415V AC (+/- 15%)
4.	Input Frequency	50 Hz (+/- 5%)
5.	Output Frequency	50 Hz (+/- 0.5%)
6.	Output Voltage	415V AC (+/- 3%)
7.	Load power Factor	0.8 to 1 lagging
8.	Inverter Efficiency	> 85% to 92% depending upon DC voltage
9.	Output Wave form	Sine
10.	Harmonic Distortion	Less than 3% with linear load
11.	Overload	<105% continuous 105% to 400% for 30 Sec. >400% Inverter Trips
12.	Battery Voltage	72 V DC to 360 V DC
13.	Indications	Mains ON, Inverter ON, Battery Low, Overload, Battery Bar graph, Load Bar Graph
14.	Audible Alarm	Mains Fail @15 sec Battery Low pre-alarm at 80% of discharge
15.	Protections	Input single phasing / Phasing Reversal, Battery over / under voltage, output Over/ Under voltage, Output Overload, Output short circuit
16.	Meter provided	Output voltage /Microprocessor based Digital LCD metering for multiple parameters
17.	Changeover	Electro-mechanical / Static Switch
18.	Backup time	10 min to 10 Hours
19.	Operating Temperature	0 deg C to 50 deg C
20.	Humidity	Max 95%, Non-condensing
21.	Acoustic Noise	Less than 45 dB at 1 Meter

****Optional at Extra Cost***

Note:-Specifications are subject to change without prior notice.