



# Think!

you can fly to your destination..



Electric failure leads to lift malfunction. This makes you desperately search ways & means to reach your destination urgently...

Now... a more reliable & smarter way to reach your destination...

**"SmartSource" Inverters for lifts.**

**"Smart People Use Smart Source"**

# LiFT iNVERTER

# LIFT iNVERTER

S.M.A.R.T. TECHNOLOGY

Now with "S.M.A.R.T. Technology" i.e. Synchronised Mosfet AtRunning Torque is unique technology which reduces the excess load on the battery bank by synchronising the power devices during lift surge. This function increases the battery efficiency & reduces battery fatigue caused due to heavy in rush.



## SPECIFICATIONS

Parameters	Specifications
Input Voltage Range	415 VAC +/- 15 %
Out put Voltage Range	415 VAC +/- 2 %
Input Frequency	50 Hz +/- 5 %
Output Frequency	50 Hz +/- 0.5 %
Technology	IGBT based PWM Technology
Rating	From 4 KVA to 50 KVA
Output Voltage Regulation	+/- 2 %
Wave Form	Pure Sine Wave
Harmonic Distortion	Less than 3 %
Efficiency	More than 85% Depending on DC Voltage
Overloading	110 % for 1 min. 150% for 10 Seconds
Charging Time	8 to 10 hrs. for 90 % charging
Change Over Time	Less than 10 Sec. (adjustable)
Operating Temperature	0 to 50°C
Humidity	95 % Non Condensing
Acoustic Noise	Less than 45 db at 1 meter
Indications	Mains ON , Phase Fail , Charger ON, Battery Low, Overload , Load on Mains, Load on Inverter, Optional Metering
Protections	Output Under & Over Voltage, Over Load, Battery Low, DC Over & Short Circuit.
Special Features	Phase Fail & Phase Displacement Protection

## INVERTERDIMENSIONS

Rating	Width	Length	Height
For 4 KVA to 10 KVA	400 mm	600 mm	750 mm
For 12 KVA to 18 KVA	450 mm	650 mm	750 mm
For 20 KVA to 50 KVA	450 mm	700 mm	900 mm

*Note: Research & development is a continuous process, hence specification are subjected to change without prior notice.*



## SintelTechnologiesPvt.Ltd.

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