

EVERON Lodestar Inverters for Telecom Applications

Everon Lodestar presents custom designed Sine wave Inverters for Telecom applications. These Inverters are designed to cater to tough duty cycle requirements in telecom applications. A True Sine Wave Generator using Micro Processor based design and working in conjunction with a proven and rugged IGBT Power Circuit ensures safe and Silent Operation over the given Voltage Range.

Telecom Inverters are also built in with potential free alarms, like mains fail, Battery low and Inverter Fail Etc.

Salient Features

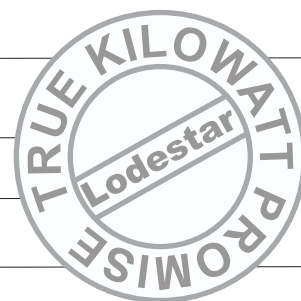
- Micro Processors Based Design.
- IGBT Based Inverter.
- 2 Line Alphanumeric Display.
- Wide Input Voltage Range.
- Pure Sine Wave Output.
- High Efficiency.
- Noiseless Operations.
- Provision for RS 232 Interface.
- Controlled Battery Charger.
- Soft Start or Charger & Inverter.
- Float Cum Boost Charger.
- Crystal Controlled Output Frequency.
- Modular & Field Proven Design.
- Unmatched Protection for Total Safety.
- Unmatched Value for Money.



TELECOM INVERTERS

TECHNICAL SPECIFICATIONS

Capacity	1.0KVA to 20.0KVA
Input Voltage	43 V - 55 V DC
Input Frequency	50 Hz \pm 10%
Output Voltage	230 Volts \pm 1.0%
Output Frequency	50Hz \pm 0.3%
Protections	Over load, Short Circuit, Low Battery, Over Voltage. etc.
Display System	2 Line 16 character LCD Display.
Potential Free Output Alarms	Battery Low, Mains Fail, Inverter Fail.
Alarms & Indications	Battery Low, Overload, Mains Fail, Battery Reverse Polarity etc.
Over Load	110% for 10 Minutes 130% for 30 Seconds
Crest Factor	3:1
Controlled Battery Charger	Optional
Efficiency	90%
Wave Form	Pure sine wave
Total Harmonic Distortion	<3%
Load Power Factor	0.8 Lag to Unity
Cooling	Forced Air Cooled
Noise	Less than 60 db
Humidity	95%
Battery Bank	4 Battery (Optional)
Technology	PWM / IGBT
Dimensions	



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An ISO 9001 Company

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