

# Pace Power range of Inverters - 5 to 50 KVA



DC to AC Inverters are used in telecom applications where the critical equipments are connected. The DC input is given to the Inverter and Inverter converts DC to AC with constant voltage, frequency and clean output. Inverters are used for the critical loads like servers and other communication equipments.



Manufacturing of Power Systems is centered at PACE POWER owned and operated facility spread over 15000 Sq.Ft. Company represents a young, dynamic and dedicated Engineering staff which gives PACE POWER customers a Combination of design expertise and production efficiencies. PACE POWER's Customers include major International OEMs, who use its power systems applications including telecommunications, computing, medical devices and office automation. PACE Power do focus on innovative designs, which would meet the challenging requirements of its customers.

## Salient Features:

- Standalone/Parallel redundant Inverters are available
- Suitable for GSM, Broad band and other applications
- User friendly
- Active current sharing
- High efficiency
- High frequency switching





### Product Specifications

Sl. No.	PARAMETER	SPECIFICATION
1	Capacity	: 5 KVA to 50 KVA in standalone or (1+1) configurations
2	Input Voltage Range	: 42 to 57V DC
3	Output Voltage	: 207 to 253V AC
	Settable	: 230V AC
	Nominal	: 230V AC
4	Output Voltage Regulation Against	
	A) Input Voltage variation from 42 to 57V DC.	: ± 2% of the set value
	B) Load Current variation from 0 to 100% (Full Load)	: ± 2% of the set value
	C) Load Power Factor variation from 0.8 Lagging to 0.8 Leading	: ± 2% of the set value
5	Output Current	: As per kVA
6	Output Frequency	: 50Hz ± 0.5 Hz
7	Output Waveform	: Sine Wave
8	Efficiency	
	A) For full Load and Input Voltage from 52.8 to 55.2V DC & Output Voltage of 230V AC	: Not less than 85%
	B) For other Input, Output and Load Conditions.	: Not less than 80%
9	Power Factor	: Unity
10	Psophometric Noise	
	A) Battery connected	: Not more than 2 mV
	B) Battery floated	: Not more than 4 mV
11	Peak to Peak Ripple without Battery connected	: Not more than 300 mV
12	Total Voltage Harmonic Distortion	: Less than 5%
13	Total Current Harmonic Distortion	: Less than 5%
14	No Load Loss	: Not more than 5%
15	Overload Capacity	: 110% Load for One hour
16	Ambient Temperature	: 0 to 55 C
17	Humidity	: 95% RH at up to 40C
18	Cooling	: Forced Air Cooled
19	Insulation Resistance with 500V DC insulation Tester between	
	A) Shorted DC input terminals & Earth	: Better than 5 M ohms
	B) Shorted AC output terminals & Earth	: Better than 5 M ohms
	C) Shorted DC input terminals & Shorted AC output terminals	: Better than 5 M ohms

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