

Nantech Power Systems Private Limited...

Three Phase Double Conversion Online UPS System

Ultimate Power Solution



Features

Double Conversion Technology

Pure Sine Wave Output.

IGBT Based Charger.

Isolation Transformer.

Advanced DSP Based.

Short Circuit Protection.

Contact Us:

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Established in the year 1996, our organization, 'Nantech Power Systems Pvt Ltd' is counted amongst the responsible manufacturers and suppliers of Online UPS, Line Interactive UPS, Inverters, Servo Stabilizers, Power Factor Controllers, Harmonic Filters and Constant Voltage Transformer.

The advanced line of electrical equipment's that we offer is used extensively in both commercial as well as domestic sectors. Clients recognize our products for their enhanced performance, high efficiency and long maintenance-free servicing life.

Nantech Online UPS is an Uninterruptible power supply incorporating Double Conversion Technology. The double conversion principle eliminates all power disturbances in the main supply.

High reliable single Inverter Card based Online UPS Comprises of rectifier, an auto float cum boost charger, battery backed inverter with under voltage, over voltage short-circuit protection along with high degree of Input to Output Isolation. The amplification stages has IGBT Technology for Pure Sine wave output.

INPUT	
Voltage Range	300V-480V Three phase four wire
Frequency	50Hz ±10%
Power Factor	>0.92
Charger Topology	Buck
Connection Type	Terminal Block
Grid Charging	
Switching Devices	IGBT
Switching Freq.	16KHz
No. of Charger controller	One
Charger Topology	Buck
OUTPUT	
Voltage	380V/400V ±1%
Power Factor	0.8
Efficiency (AC to AC)	>90%@Full Load
Frequency	50Hz
Waveform	Pure Sine Wave
Transient Response	<8 (10%~90% Linear Load)
Voltage Harmonics	<3% Linear Load
Overload capacity	100 to 110%-10 Min., 110 to 120%-2 Min.; 120 to 150%-30 Sec; 150 to 200%-2 sec; 200 to 300%-1sec.; 300 to 400%- 250msec; >400%-20-30msec.
Crest factor	3:1
Voltage regulation	±1%
Frequency Regulation	±0.05Hz
Connection Type	Terminal Block
Audible warning	
Overload	Yes
Battery Backup Ending	Yes
Indications	
LED	#UPS ON #Mains CHG. #Overload R,Y,B #Output High/Low R,Y,B #Battery High/Low #CHG. OVERHEAT #AC Input High/Low R,Y,B #FAULT
LCD (16*4)	#Input Voltage & Freq. R,Y,B #Output Voltage, Freq. & Load% R,Y,B #Battery Voltage #Charging Current, #Working Status
Protections	
Parameters	#Output Overvoltage/Undervoltage, #Overload, #Output Shortcircuit, #Battery Overvoltage/undervoltage, #Input overvoltage/undervoltage
Communication & Management	
Ports	Ethernet (Optional)
Miscellaneous	
Transfer Time	0 msec
Extended Battery Charging	Optional
Caster Wheels	Yes
Environmental	
Operating Environment	0-50 °C
Operating Relative Humidity	(5%-95%) Non-condensed
Storage Environment	0-75 °C
Storage Relative Humidity	0-95%
Protection Class	IP20

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