

# Nantech Power Systems Private Limited™

## Single Phase Double Conversion Online UPS System

### Ultimate Power Solution



### Features

Pure Sine wave Output

Active Power Factor Correction

IGBT Based Charger

Auto Bypass Facility

LCD Display

### Contact Us:

Nantech Power Systems (P) Ltd  
17A, 2<sup>nd</sup> Street, Sastha Nagar  
Valasaravakkam, Chennai – 87.  
Phone : 044-24861994.  
E-mail : sales@nantech.in  
Visit us: www.nantech.in



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:

Nantech Online UPS is an Uninterruptible power supply incorporating Double Conversion Technology. The double conversion principle eliminates all power disturbances in the main supply. True advantage of our Online UPS is ability to provide an electric firewall between the incoming utility power and your sensitive electronic equipment.

Nantech Online UPS is Highly reliable single card based UPS that comprises of rectifier, an auto float cum boost charger, battery backed inverter with under voltage, over voltage, short circuit protection along with a high degree of Input to Output Isolation. The amplification stage has IGBT technology for pure sine wave output.

## Technical Specification:

<b>Input</b>	Voltage Range	V	160 – 280V
	Frequency	Hz	50±5%
	Input Power Factor	Lag	>0.8
	Charger Topology		BUCK
	Connection Type	mm	Terminal Block
<b>Output</b>	Power Factor		0.9
	Voltage	V	220V/230V
	Voltage Regulation	%	±1
	Frequency	Hz	50
	Frequency Regulation	Hz	±0.05
	Wave Form		Pure Sine Wave
	Transient Response	%	<8(10%~90% (Linear Load))
	Voltage Harmonic	%	<3 (Linear Load)
	Over Load Capacity		100 to 110% : 5 min 110 to 125% : 2 min 125 to 150% : 30 sec 150 to 200% : 1 sec 200 to 300% : 50ms >300% : 20msec
Crest Factor		3:1	
<b>Audible Warning</b>	Battery Back-up		Yes
	Over load		Yes
<b>Display</b>	LED		UPS ON# Battery Low/High # Overload # Output Volt. Low# Charging On# Mains Low/High,
<b>Parameters</b>			Output OverVoltage# Output Undervoltage#Overload#Output Short Circuit# Battery Over Voltage# Battery under Voltage, Input Low/High
<b>Interface</b>	DB9		RS232/USB Port, Ethernet (Optional)
<b>Others</b>	Caster Wheels		Yes
	Extended Battery		Optional
	Static By Pass		Optional/ Default rotary switch
	Proctections		IP 20
<b>Overall</b>	Efficiency (AC- AC)	%	>90 (Full Load)
	Transfer time	Ms	0
	Temperature	°c	0~50
	Humidity	%	5-95(Non-Condensed)



### Nantech Power Systems Private Limited

17A, Second Cross Street, Sastha Nagar,  
Valasaravakkam, Chennai – 600 087.  
Phone: 044- 24861994/24862247.  
Email us: [sales@nantech.in](mailto:sales@nantech.in)  
Visit us: [www.nantech.in](http://www.nantech.in)