

THE ANSWER TO
one ALL YOUR
POWER NEEDS

1 **power-one UPS**



- DSP Based Digital Controller
- TRUE Sine Wave
- Double Conversion Online
- Input Near Unity Power Factor
- Input Current Harmonic Suppression
- Sleek and Low Foot Print

1KVA - 20 KVA

Single & Three Phase Input / Single Phase Output



UHF DIGITAL SERIES

UNINTERRUPTIBLE POWER SUPPLY SYSTEMS

* >20KHz **HIGH Frequency PWM with IGBT**

* **Wide Input Voltage Range**

* **High Efficiency Design**

* **Enhanced protection against lightning surges and line disturbances**

* **Can be Parallellable up to Three times**

Capacity in VA	1KVA	2KVA	3KVA	6KVA	7.5KVA	10KVA	15KVA	20KVA
Input								
Nominal Voltage	230V			230V/415V			415V	
Voltage Range	160V / 300V			110V to 270 at half load			300V-470V	
Frequency Range	45 - 55 Hz							
Phase	Single/Three phase						Three Phase	
Power factor	> 0.97							
DC Voltage	36V	96V	96V	240V				
Output								
Voltage	220V / 230V / 240VAC							
Voltage Regulation	± 1%							
Frequency (Synchronised Range)	45 - 55 Hz							
Frequency (Battery mode)	50Hz ± 0.1%							
Output wave form	Pure sinewave							
Harmonic Distortion (THD)	<2% (linear load), <3% (non-linear loads)							
Effeciency (AC-AC)	>91%							
Power factor	0.8							
Crest factor	3:1							
Battery type	Sealed lead acid maintenance free/Lead Acid Tubular/Ni-cad							
Backup time	15min to 240min							
Transfer time	0 ms							
Over Load	120% for 1min & 110% for 10min							
General								
Operating temperature	0 to 50 Deg. C , RH 90%							
Noise level	<50dB @ 1 meter							
Indications	Mains ON, Inverter ON / Faulty, Battery Level, Static bypass ON, Load level							
Display	LCD for input voltage, output voltage, DC voltage, load % and frequency							
Audible Alarm	Mains failure, Low battery, Overload							
Isolation	Inbuilt Galvanic isolation Transformers							
Protection	Advanced Electronic protection for device safety backed with MCB's/MCCB's, Fast acting fuses for all parameters							
Bypass	Static Bypass							
Communication Interface								
Standard	RS232/RS485 port for software interface							
Optional	SNMP interface							
Parallel Redundancy	Three times Parallellable (optional)							

* Due to continuous Improvements, specifications are subject to change without prior notice



POWER-ONE

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Ranchi - 9835152630
Patna - 9835152630

Trivandrum - 9745888724
Mumbai - 9766591787
Indore - 9424010634
Vishakhapatnam - 9010116615

Service Centre at:

South

Mysore, Mangalore, Manipal, Hubli, Belgaum, Gulbarga, Bellary, Shimoga, Karwar, Bijapur, Vishakapatnam, Vijayawada, Rajmundry, Nellore, Tirupati, Quilon, Kottayam, Calicut, Palakad, Pondicherry, Tirichy, Madurai, Coimbatore

North

Jammu, Srinagar, Chandigarh, Kanpur, Lucknow, Allahabad, Gorakpur, Indore, Bhopal, Jaipur, Dehradun, Bareilly

East

Bhubaneswar, Gauhati, Jemshedpur, Siliguri, Gangtok

West

Surat, Baroda, Nagpur, Nasik, Goa



www.poweroneups.com