

DataPower Series

ONLINE DOUBLE CONVERSION UPS

1kVA To 3kVA (0.9 PF)

Tower



Control Panel
Up to 50 items set by LCD

Features

- High frequency and double conversion on-line technology
- Digitized microprocessor control optimizes reliability
- Wide input voltage range (110V - 300V)
- Input power factor correction
- Output power factor 0.8 (0.9 PF is optional)
- UPS start up without battery
- Cold start function
- Converter mode available
- ECO mode available
- Generator compatible
- Optional Smart SNMP works with either USB or RS-232 together
- EPO function optional
- Input L and N reversed alarm function
- Optional extension battery pack
- Comprehensive display allows easy monitoring and access of UPS status
- OVCD optional



USB



SNMP



Drycontact card



Mini dry contact card



Rear Panel

Terminal Block

Technical Specifications:

MODEL		DPS-1000	DPS-2000	DPS-3000
PHASE		Single phase with ground		
Capacity(VA/Watts)		1000/900	2000/1800	3000/2700
INPUT				
Nominal Voltage		200/208/220/230/240Vac		
Input Voltage Range		110 ~ 300Vac at 60% load , 160 ~ 300Vac at 100% load		
Frequency Range		45~55Hz/55~65Hz		
Power Factor		≥ 0.99 @Nominal voltage (100% load)		
OUTPUT				
Output Voltage		200/208/220/230/240Vac		
Voltage Regulation		± 1%		
Frequency Range(Synchronized Range)		45 ~ 55Hz/56 ~ 64Hz		
Frequency Range(Batt.Mode)		50Hz/60Hz ± 0.1Hz		
Current Crest Ratio		3:1		
Harmonic Distortion(THDv)		≤3% (Linear load) ≤6% (Non-linear load)		
Transfer Time	AC to DC	Zero		
	Inverter to Bypass	4ms(Typical)		
Waveform		Pure Sinewave		
EFFICIENCY				
AC Mode		88%	89%	90%
Battery Mode		83%	85%	86%
BATTERY				
Standard Model	Battery Type	12V/9AH	12V/9AH	12V/9AH
	Numbers	2	4	6
	Typical Recharge Time	5 hours recover to 90% capacity		
	Charging Current(max.)	1.0A		
	Charging Voltage	27.4Vdc ± 1%	54.7Vdc ± 1%	82.1Vdc ± 1%
Long-run Model	Battery Numbers	Depending on the capacity of external batteries		
	Charging Current(max.)	7A/14A(double board)	6A/12A(double board)	6A/12A(double board)
	Charging Voltage	41.0Vdc/27.4Vdc ± 1%	54.7Vdc/82.1Vdc/109.4Vdc ± 1%	82.1Vdc/109.4Vdc ± 1%
INDICATORS				
LCD		Load level,Battery level,AC mode,Battery mode,Bypass mode,and Fault indicators		
ALARM				
Battery mode		Sounding every 4 seconds		
Low Battery		Sounding every second		
Overload		Sounding twice every second		
Fault		Continuously sounding		
PHYSICAL				
Standard model	Dimension (D × W × H)mm	368 × 144 × 215	468 × 191 × 340	
	Net Weight (kgs)	10.0	21.0	26.0
Long-run model	Dimension (D × W × H)mm	368 × 144 × 215	468 × 191 × 340	
	Net Weight (kgs)	5.6	11.0	11.5
ENVIRONMENT				
Humidity		20 ~ 90% RH @ 0 ~ 40°C (Non-condensing)		
Noise level		<55dB @ 1 Meter		
MANAGEMENT				
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/2008 Windows® 7/8 Linux,FreeBSD and MAC		
Optional SNMP		Power management from SNMP manager and web browser		

Specifications are subject to change without prior notice.