



DataPower Series

ONLINE DOUBLE CONVERSION UPS

6kVA To 10kVA (0.9 PF)

Single Phase input/output (1:1)
Tower



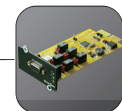
Control Panel

Features

- N+X parallel redundancy
- Online double conversion with DSP control
- Input current harmonic: <3%
- Optimization battery group, the quantity of battery: 16/18/20 pieces (optional)
- High output power factor at 0.9PF
- Wide input voltage range: 120~276Vac
- Wide input frequency range(50Hz: 45~55Hz / 60Hz: 54~66Hz)
- Support generator input
- Support economic(ECO) operation mode
- Self-testing when UPS startup
- Options: SNMP card/Relay card/ Parallel card
- Cold start



Rear Panel



Relay card



SNMP



Parallel module



Battery Cabinets
(Optional)

Technical Specifications:

MODEL	DPS-6000	DPS-10K1-1
Capacity (VA/Watts)	6k / 5.4k	10k / 9k
INPUT		
Nominal voltage	220/230/240Vac	
Operating voltage range	120~276Vac	
Operating frequency range	50Hz:45~55Hz;60Hz:54~66Hz(auto sensing)	
Power factor	≥0.99	
Bypass voltage range	Max.voltage: 220V: +25%(optional +10%,+15%,+20%) 230V: +20% (optional +10%,+15%) 240V: +15% (optional +10%) Min.voltage: -45% (optional -20%,-30%)	
ECO range	Same as the bypass	
Harmonic distortion (THDi)	<3%(100% linear load)	
Generator input	Support	
OUTPUT		
Rated voltage	220/230/240Vac	
Power factor	0.9	
Voltage regulation	±1%	
Frequency	Line Mode	±1%/ ±2%/ ±4%/ ±5%/ ±10% of the rated frequency(optional)
	Bat. Mode	50/60(±0.1)Hz
Crest factor	3:1	
Harmonic distortion (THDv)	≤2% with linear load ≤5% with non-linear load	
Efficiency	>93.5%	
BATTERY		
Battery voltage	± 96/108/120Vdc (optional)	
Capacity (standard unit)	12V/7Ah/9Ah	
Typical recharge time	6~8 hours (to 90% of full capacity)	
Charge current	1A(Standard unit); Long run unit Max.current10A(charge current can be set according to battery capacity installed)	
SYSTEM FEATURES		
Transfer time	Mains to Battery:0ms; Mains to Bypass:0ms	
Overload	Line Mode	Load ≤110%: last 60min, ≤125%: last 10min, ≤150%: last 1min, >150% turn to bypass mode immediately
	Bypass Mode	40A(Breaker) 60A(Breaker)
Short circuit	Hold Whole System	
Overheat	Line Mode: Turn to Bypass; Backup Mode: Shut down UPS immediately	
Low battery voltage	Alarm and Switch off	
Self-diagnostics	Upon Power On and Software Control	
Battery	Advanced Battery Management	
Audible & Visual alarms	Line Failure, Battery Low, Overload, System Fault	
LED & LCD display	Line Mode, Bat. Mode, Eco Mode, Bypass Mode, Battery Low, Overload & UPS Fault	
LCD display	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage, Inner Temperature & Remaining Battery Backup Time	
Communication interface	RS232,USB,SNMP card(optional), Parallel card(optional), Relay card (optional)	
ENVIRONMENTAL		
Operating temperature	0°C ~ 40°C	
Storage temperature	-25°C ~ 55°C	
Humidity range	0 ~ 95% (non-condensing)	
Altitude	< 1500m	
Noise level	<55dB	
PHYSICAL		
Dimension D × W × H (mm)	502 × 250 × 616	
Net weight (kg)	62 / 18	64 / 20
STANDARDS		
Safety	IEC/EN62040-1,IEC/EN60950-1	
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8	
BATTERY BANK		
Model	DPS-BT Series	
Battery type& Max.quantity	2 × 20pcs/7Ah/(9Ah)	
PHYSICAL OF BATTERY BANK		
Dimensions D × W × H (mm)	597 × 250 × 616	
Net weight (kg)	122/134	

Specifications are subject to change without prior notice.