



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



Battery Cabinets (Optional)



Technical Specifications:

- anacity (\//	\	DPS-6000	DPS-10K1-1
Capacity (VA/Watts)		6k / 5.4k	10k / 9k
INPUT		220/220/2	40)/
Nominal volt		220/230/2	
Operating voltage range Operating frequency range		120~276Vac	
		50Hz:45~55Hz;60Hz:54~66Hz(auto sensing) ≥0.99	
Power factor			
		Max.voltage: 220V: +25%(optional +10%,+15%,+20%)	
Bypass voltage range		230V: +20% (optional +10%,+15%)	
		240V: +15% (optional +10%)	
ECO ronge		Min.voltage: -45% (optional -20%,-30%)	
ECO range	(71.15.1)	Same as the bypass	
Harmonic distortion (THDi)		<3%(100% linear load)	
Generator in	put	Suppo	ort
OUTPUT		220/220/240/	
Rated voltage		220/230/240Vac	
Power factor		0.9	
Vo l tage regu		±1%	
Frequency	Line Mode	±1%/±2%/±4%/±5%/±10% c	
	Bat. Mode	50/60(±0	J.1)HZ
Crest factor		3:1	
Harmonic dis	stortion (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 F	EATURES		
Transfer time	9	Mains to Battery:0ms; N	
Overload	Line Mode	Load≤110%: last 60min, ≤125%: last 10min, ≤150%:	ast 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			witch off
Self-diagnos		Alarm and S Upon Power On and	witch off
Self-diagnos Battery			witch off Software Control
	stics	Upon Power On and Advanced Battery Line Failure, Battery Low, (witch off Software Control Management Dverload, System Fault
Battery	stics sual alarms	Upon Power On and Advanced Battery	witch off Software Control Management Dverload, System Fault
Battery Audible & Vi LED & LCD	stics sual alarms	Upon Power On and Advanced Battery Line Failure, Battery Low, (witch off Software Control Management Overload, System Fault ode, Battery Low, Overload & UPS Fault
Battery Audible & Vi	stics sual alarms	Upon Power On and Advanced Battery Line Failure, Battery Low, C Line Mode, Bat. Mode, Eco Mode, Bypass M	witch off Software Control Management Overload, System Fault lode, Battery Low, Overload & UPS Fault ut Frequency, Load Percentage, Battery Voltage,
Battery Audible & Vi LED & LCD	stics sual alarms display	Upon Power On and Advanced Battery Line Failure, Battery Low, C Line Mode, Bat. Mode, Eco Mode, Bypass M Input Voltage, Input Frequency, Output Voltage, Outp	witch off Software Control Management Overload, System Fault lode, Battery Low, Overload & UPS Fault ut Frequency, Load Percentage, Battery Voltage, ling Battery Backup Time
Battery Audible & Vi LED & LCD LCD display Comunicatio	sual alarms display n interface	Upon Power On and Advanced Battery Line Failure, Battery Low, C Line Mode, Bat. Mode, Eco Mode, Bypass M Input Voltage, Input Frequency, Output Voltage, Outp Inner Temperature & Remain	witch off Software Control Management Overload, System Fault lode, Battery Low, Overload & UPS Fault ut Frequency, Load Percentage, Battery Voltage, ling Battery Backup Time
Battery Audible & Vi LED & LCD LCD display Comunicatio ENVIRONM	stics sual alarms display n interface	Upon Power On and Advanced Battery Line Failure, Battery Low, C Line Mode, Bat. Mode, Eco Mode, Bypass M Input Voltage, Input Frequency, Output Voltage, Outp Inner Temperature & Remain	witch off Software Control Management Overload, System Fault lode, Battery Low, Overload & UPS Fault ut Frequency, Load Percentage, Battery Voltage, ning Battery Backup Time el card(optional), Relay card (optional)
Battery Audible & Vi LED & LCD LCD display Comunicatio ENVIRONM Operating te	stics sual alarms display n interface 1ENTAL mperature	Upon Power On and Advanced Battery Line Failure, Battery Low, C Line Mode, Bat. Mode, Eco Mode, Bypass M Input Voltage, Input Frequency, Output Voltage, Outp Inner Temperature & Remair RS232,USB,SNMP card(optional), Paralle	witch off Software Control Management Overload, System Fault lode, Battery Low, Overload & UPS Fault ut Frequency, Load Percentage, Battery Voltage, ning Battery Backup Time el card(optional), Relay card (optional)
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Battery Audible & Vi- LED & LCD LCD display Comunicatio ENVIRONM Operating te Storage tem Humidity ran	stics sual alarms display n interface 1ENTAL mperature perature	Upon Power On and Advanced Battery Line Failure, Battery Low, C Line Mode, Bat. Mode, Eco Mode, Bypass M Input Voltage, Input Frequency, Output Voltage, Outp Inner Temperature & Remair RS232,USB,SNMP card(optional), Paralle	witch off Software Control Management Dverload, System Fault lode, Battery Low, Overload & UPS Fault ut Frequency, Load Percentage, Battery Voltage, hing Battery Backup Time el card(optional), Relay card (optional)
Battery Audible & Vi- LED & LCD LCD display Comunicatio ENVIRONN Operating te Storage tem Humidity ran Altitude	stics sual alarms display n interface 1ENTAL mperature perature	Upon Power On and Advanced Battery Line Failure, Battery Low, C Line Mode, Bat. Mode, Eco Mode, Bypass M Input Voltage, Input Frequency, Output Voltage, Outp Inner Temperature & Remain RS232,USB,SNMP card(optional), Paralle	witch off Software Control Management Dverload, System Fault lode, Battery Low, Overload & UPS Fault ut Frequency, Load Percentage, Battery Voltage, hing Battery Backup Time el card(optional), Relay card (optional) D°C 55°C condensing)
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Battery Audible & Vi LED & LCD COMUNICATION COMUNICATION OPERATING THE Storage tem Humidity ran Altitude Noise level PHYSICAL	stics sual alarms display n interface 1ENTAL mperature perature	Upon Power On and Advanced Battery Line Failure, Battery Low, C Line Mode, Bat. Mode, Eco Mode, Bypass V Input Voltage, Input Frequency, Output Voltage, Outp Inner Temperature & Remain RS232,USB,SNMP card(optional), Paralle 0°C ~4 -25°C ~ 0 ~95% (non-content)	witch off Software Control Management Dverload, System Fault lode, Battery Low, Overload & UPS Fault ut Frequency, Load Percentage, Battery Voltage, ning Battery Backup Time el card(optional), Relay card (optional) 0°C 55°C condensing)
Battery Audible & Vi LED & LCD LCD display Comunicatio ENVIRONN Operating te Storage tem Humidity ran Altitude Noise level PHYSICAL Dimension E	sual alarms display in interface IENTAL imperature perature ge	Upon Power On and Advanced Battery Line Failure, Battery Low, € Line Mode, Bat. Mode, Eco Mode, Bypass M Input Voltage, Input Frequency, Output Voltage, Outp Inner Temperature & Remair RS232,USB,SNMP card(optional), Paralle 0° ~ 4 -25° C ~ 4 -25° C ~ 550 < 550	witch off Software Control Management Dverload, System Fault lode, Battery Low, Overload & UPS Fault ut Frequency, Load Percentage, Battery Voltage, ning Battery Backup Time el card(optional), Relay card (optional) 0°C 55°C condensing)
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Battery Audible & Via LED & LCD LCD display Comunication ENVIRONN Operating te Storage tem Humidity ran Altitude Noise level PHYSICAL Dimension D Net weight (I STANDARD	sual alarms display In interface IENTAL Imperature IENTAL Imperature IENTAL IE	Upon Power On and Advanced Battery Line Failure, Battery Low, C Line Mode, Bat. Mode, Eco Mode, Bypass M Input Voltage, Input Frequency, Output Voltage, Outp Inner Temperature & Remair RS232,USB,SNMP card(optional), Paralle 0° ~ 4 -25° ~ - 0 ~ 95% (non-c) < 1500 <55d 502 × 250 62 / 18 IEC/EN62040-1,IE IEC/EN62040-2,IEC61000-4-2	witch off Software Control Management Overload, System Fault lode, Battery Low, Overload & UPS Fault ut Frequency, Load Percentage, Battery Voltage, ning Battery Backup Time el card(optional), Relay card (optional) 0°C 55°C condensing) 0m B ×616 64 / 20 6C/EN60950-1 c,IEC61000-4-3,IEC61000-4-4,
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Battery Audible & Vit LED & LCD LCD display Comunication ENVIRONN Operating te Storage tem Humidity ran Altitude Noise level PHYSICAL Dimension D Net weight (I STANDARD Safety EMC BATTERY I Model Battery types PHYSICAL OF	stics sual alarms display In interface IENTAL Imperature IENTAL Imperature IENTAL IENT	Upon Power On and Advanced Battery Line Failure, Battery Low, C Line Mode, Bat. Mode, Eco Mode, Bypass M Input Voltage, Input Frequency, Output Voltage, Outp Inner Temperature & Remair RS232,USB,SNMP card(optional), Paralle 0°C ~4 -25°C ~4 -25°C ~4 -25°C ~55d 502 × 250 62 / 18 IEC/EN62040-1,IE IEC/EN62040-2,IEC61000-4-2 IEC61000-4-5,IEC61000-4-5	witch off Software Control Management Dverload, System Fault lode, Battery Low, Overload & UPS Fault ut Frequency, Load Percentage, Battery Voltage, hing Battery Backup Time el card(optional), Relay card (optional) 0°C 55°C condensing) 0m B ×616 64 / 20 CC/EN60950-1 CIEC61000-4-3,IEC61000-4-4, 0-4-6,IEC61000-4-8 Series Ah/(9Ah) ×616

Specifications are subject to change without prior notice.