DPS-A Series

Distributed Power System

- With dual 220Vac input and dual 220Vac output
- Power module redundancy design
- Distributed in each IT equipment cabinet
- Built-in lithium battery module
- For distributed / limited load-bearing/ phased deployment computer rooms, etc.

UPS (3KW - 10KW)

Performance characteristics

Stable and Reliable

- With dual 220Vac input and dual 220Vac output
- Time-sharing control is optional for each output
- Eliminate business interruptions caused by single points of failure and improve the reliability of the entire power system
- Lithium battery backup system with a lifespan up to 10 years
- Compatible with T2/T3/T4 level

Simple and Flexible

- No need independent distribution power system space and battery room
- Simple operation and maintenance, IT-based equipment architecture
- Support hot-swappable operation
- Support the parallel connection of lithium battery modules
- Rack-mounted design, quick deployment in phases as needed

Smart and Convenient

- Interactive communication technology to realize the intelligent management and linkage of the UPS to the battery
- Special cooling holes and air duct design can accurately control the temperature
- Abundant communication interfaces for monitoring LCD+LED display design, keep track of equipment operating status and information

Efficient and green

- The system efficiency up to 95.8%
- Discharge efficiency up to 97%
- DPS divides traditional large UPS into the cabinets and reduces PUE value
- Low input THDi and ultra-high input PF
- Low noise interference

Performance

Model	DPS-1103A	DPS-1106A	DPS-1110A
Capacity	3KW	6KW	10KW
Input			
Input voltage	220VAC		
Voltage range	176~250VAC @ (80~100%) load	176~300VAC@ (80~100%) load	
Frequency Range	46Hz~54Hz@50Hz system；56Hz~64Hz@60Hz system		
Power factor	≥ 0.99		
Output			
Output voltage	208/220/230/240VAC		
Voltage Accuracy	± 1%		
Frequency Range (Synchronization Range)	46Hz~54Hz@50Hz system；56Hz~64Hz@60Hz system		
Frequency Range (Battery Mode)	50Hz±0.1Hz or 60Hz±0.1Hz		
Power factor	＝0.8	＝0.9	
Crest Factor	3:1		
THDu	≤2% @ 100% linear load；≤3% @100% nonlinear load		
PF	≥ 0.99		
Switching Time	≤6 ms	0 ms (Main power ⇔ Battery)	
	≤6 ms	0 ms (Inverter ⇔ Bypass)	
	<10 ms (Inverter ⇔ ECO)		
Wiring			
Numbers Of Input And Output	One input and one output	Two inputs and two outputs	
Efficiency			
Inverter Mode	>90%	>94%	
Battery			
Specification	48V lithium battery	230V lithium battery	
Battery Capacity	10AH	15AH	20AH/30AH	20AH/30AH
Physical			
Size WxDxH(mm)	800 x 438 x 44（1U）	750 x 438 x 176(4U)	750 x 438 x 176(6U)	750 x 438 x 267（6U）
Power Source Net Weight (kg)	8	28	32
Environment			
Storage And Transportation	-25~55°C		
Working Temperature	0~45°C		
Working Humidity	<95% and no condensation		
Working Altitude	<1000 veters, no derating, > 1000 meters, derating 1% if every 100 meters increased		
Working Noise	<55dB@1Meter		
Communication			
RS485	Support Windows® 2000/2003/XP/Vista/2008、Windows® 7/8、Linux and MAC		
Optional SNMP	Support power management by SNMP		

* Specifications are subject to change without prior notice.