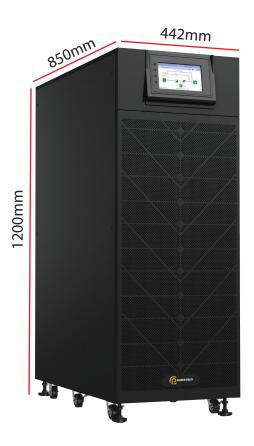




PSPOU100K3#50BC0KR

Features:

- $>> \ High \ reliability \ design: \ Wide input voltage \ range \ 138-485 Vac \ (Phase \ voltage \ 80-280 Vac),$ no derating when input voltage ≥ 305Vac.
- >> Parallel redundancy function :- Support parallel expanded operation: maximum is 6 units. Support sharing batteries for the UPS in parallel.
- >> Flexible battery configuration :-Batteries number of each group can be selected from 30 pieces to 50 pieces.
- >> Strong load capacity :-Output power factor is 1.0, UPS can supply power to 100%unbalance load. High adaptability for load, it can connect full inductive load or capacitive load.
- >> LBS function:-LBS function can realize 2 independent UPS system work in synchronization, and it enhances the reliability of the system.
- >> Intelligent management :- Support USB, RS485, RS232, SNMP, dry contact card.



Applications











Technical Specifications

MODEL		PSPOU100K50#3BC0KR
Capacity(VA	/Watts)	100k / 100k
INPUT		
Nominal volt	tage	380/400/415Vac (3Ph+N+PE)
Operating voltage range		138~485Vac for 40% load; 305~485Vac for full-load
Operating frequency range		40~70Hz (50/60Hz Auto-Sensing)
Power factor		20.99
Harmonic distortion (THDi)		≤3% Linear load
Transforme distortion (111151)		
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%)
Frequency protection range		50/60Hz±10%
Generator input		Support
OUTPUT		
Output voltage		380/400/415Vac (3Ph+N+PE)
Voltage regulation		±1%
Power factor		1.0
Output	Line Mode	$\pm 1\%/\pm 2\%/\pm 4\%/\pm 5\%/\pm 10\%$ of the rated frequency (Optional)
frequency	Bat. Mode	(50/60±0.2%)Hz
Crest factor	·	3:1
I I amazonia diat	oution (TIIDs)	≤2% with linear load
Harmonic distortion (THDv)		≤4% with non linear load
Overload	AC Mode	$Load \leq 110\%: last~60min, \leq 125\%: last~10min, \leq 150\%: last~1min, > 150\%: turn~to~bypass~immediately$
	Bypass Mode	135% overload long time; >1000% overload 100ms
EFFICIENCY		
Efficiency		up to 95.5%
BATTERY		up to 25.576
Battery voltage		Optional Voltage: ±180/±192/±204/±216/±228/±240/±252/±264/±276/±288/±300Vdc(30/32/34/36/38/40/42/44/46/48/50pcs optional); 360Vdc~600Vdc (30~50pcs, 30pcs default, 36~50pcs output power factor 1.0; 32~34pcs output power factor 0.9; 30pcs output power factor 0.8)
Charge Current (charge current can be set according to battery capacity installed)		40A Max.
SYSTEM FI	EATURES	
Transfer time		Utility to Battery: 0ms; Utility to Bypass: 0ms
Backfeed protection		Support
Alarm		Overload, utility abnormal, UPS fault, battery low, etc
Protection		Short circuit, overload, over temperature, battery low, fan fault alarm
Remote LCD)	Support
Communication		USB, RS232, RS485, parallel port, dry contact, intelligent slot, LBS, SNMP card (Optional), relay card (Optional)
ENVIRONMENTAL		2 30, 10 202, 10 100, paramet port, and contact, intelligent old, 120, or the cara (Optional), relay cara (Optional)
Operating ter		0° C \sim 4 0° C
Storage temperature		25°C~55°C(No battery)
Humidity rai		0~95% (Non condensing)
Altitude	iige	
		<1500m, derating required when>1500m
Noise level		<62dB
PHYSICAL		
Dimension W×D×H (mm)		442 x 850 x 1200
Net weight (kg)		160
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