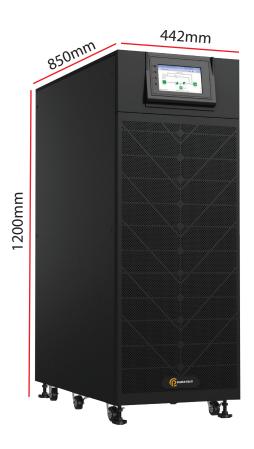




## PS-POU80K3#50BC0KR

## **Features:**

- >> High reliability design
- >> Power saving
- >> Parallel redundancy function
- >> Flexible battery configuration
- Strong load capacity
- Compatible with generator
- >> LBS function
- >> Intelligent management



## **Applications**











## **Technical Specifications**

MODEL		PS-POU80K3#50BC0KR	
Capacity(VA/	/Watts)	80k / 80k	
INPUT			
Nominal volta	200	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		≥0.99	
Harmonic disto	ortion (THDi)	≤3% Linear load	
		Max.voltage:220V:+25% (Optional+10%,+15%,+20%)	
Bypass voltage range		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		200/400/415V /2DL . N. DE\	
Output voltage		380/400/415Vac (3Ph+N+PE) ±1%	
Voltage regulation  Power factor		1.0	
	Time M. 1	$\pm 1\%/\pm 2\%/\pm 4\%/\pm 5\%/\pm 10\%$ of the rated frequency (Optional)	
Output	Line Mode	1 / 1 1	
frequency	Bat. Mode	(50/60±0.2%)Hz 3:1	
Crest factor		5:1 ≤2% with linear load	
Harmonic disto	ortion (THDv)	≤2% with linear load ≤4% with non linear load	
Overload	AC Mode	Load≤110%: last 60min, ≤125%: last 10min, ≤150%: last 1min, >150%:turn to bypass immediately	Load≤110% last 60mi ≤125%: last 1mir >125%: last 1.2s
	Bypass Mode	135% overload long time; >1000% overload 100ms	
EFFICIENCY	?		
Efficiency		up to 95.5%	
BATTERY			
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.	
	TTIDEC		
SYSTEM FEA			
SYSTEM FEA	2	Utility to Battery: 0ms; Utility to Bypass: 0ms	
SYSTEM FEA Transfer time Backfeed prot	2	Support	
SYSTEM FEA Transfer time Backfeed prot	2	Support Overload, utility abnormal, UPS fault, battery low, etc	
SYSTEM FEA Transfer time Backfeed prot Alarm Protection	2	Support Overload, utility abnormal, UPS fault, battery low, etc Short circuit, overload, over temperature, battery low, fan fault alarm	
SYSTEM FEA Transfer time Backfeed prot Alarm Protection	2	Support Overload, utility abnormal, UPS fault, battery low, etc	
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SYSTEM FEA Transfer time Backfeed prot Alarm Protection Remote LCD Communicati ENVIRONM Operating ter Storage tempor	tection  ion  ENTAL  nperature  erature	Support  Overload, utility abnormal, UPS fault, battery low, etc  Short circuit, overload, over temperature, battery low, fan fault alarm  Support  USB, RS232, RS485, parallel port, dry contact, intelligent slot, LBS, SNMP card (Optional), relay card (O	ptional)
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SYSTEM FEA Transfer time Backfeed prot Alarm Protection Remote LCD Communicati ENVIRONM Operating ter Storage tempe Humidity ran Altitude Noise level PHYSICAL Dimension W> Net weight (k	tection  ion  ENTAL  mperature  erature  age  AD×H (mm)  sg)	Support  Overload, utility abnormal, UPS fault, battery low, etc  Short circuit, overload, over temperature, battery low, fan fault alarm  Support  USB, RS232, RS485, parallel port, dry contact, intelligent slot, LBS, SNMP card (Optional), relay card (O  0 °C~40 °C  25 °C~55 °C(No battery)  0~95% (Non condensing)  <1500m, derating required when>1500m  <60dB	ptional)

Specifications are subject to change without prior notice.