

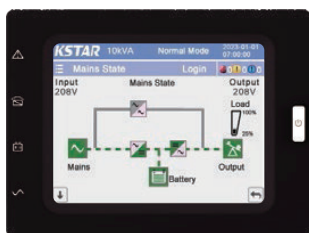


PS-POU10KR#1LPKR

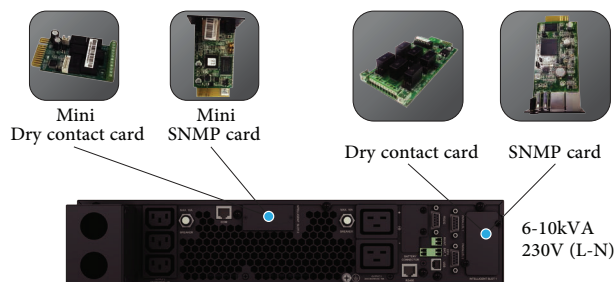
Features:

- >> N+X parallel redundancy, support maximum 4 units in parallel.
- >> 3-level inverter topology, the efficiency can be up to 95.5%.
- >> Wide input voltage range: 110~300 Vac.
- >> Multiple communication interface: RS232/USB/RS485/EPO/PDU signal /Battery temperature signal/Battery group signal/Dual Intelligent card slot (Mini card slot optional).
- >> Maximum charging current up to 15 A.
- >> Dry contact port optional (4 pins input and 4 pins output).

5 kinds of LCD can be selected



2U UPS+2U lithium battery pack



Multifunctional bracket

battery pack specification

BATTERY SYSTEM

Battery type	LiFePO ₄
Typical battery recharging time	2 hours (To 90% of full capacity)
Typical battery life	8 ~ 10 years, depend on discharging cycle and ambient temperature
System voltage (Vdc)	192
System capacity (Ah)	12

PHYSICAL

Dimension W × D × H (mm)	440 × 684 × 86.5 (2U)
Net weight (kg)	34

ENVIRONMENT

Operating environment (°C)	0 ~ 50
Relative humidity	0~95% (Non condensing)
Altitude (m)	< 1000, derating required between 1000 to 3000
Noise level (dB)	<40, at 1 meter

Technical Specifications

MODEL		PS-POU10KR#1LPKR
Capacity (VA/W)		10000/10000
INPUT		
Nominal voltage (Vac)		208/220/230 (Default) /240
Input voltage range (Vac)		110~300 (110~300Vac at 50% load/176~300 Vac at 100% load)
Input frequency range (Hz)		40~70 (50/60 Auto-Sensing)
Harmonic distortion (THDi)		<2%
Power factor		>0.99
Input connection		HW terminal (L+N+G)
Bypass voltage range (Vac)		Max.voltage: 208/220: +25% (Optional +10%, +15%, +20%)
		230: +20% (Optional +10%, +15%)
		240: +15% (Optional +10%)
		Min.voltage: — 45% (Optional -10%, — 20%, — 30%)
OUTPUT		
Output voltage (Vac)		208/220/230 (Default) /240
Voltage regulation		±1%
Output connection	Programmable	C19*2 + C13*3
	Non-programmable	HW termina (L+N+G)
Power factor		1.0
Output frequency	Online mode	± 1%/± 2%/± 4%/± 5%/± 10% of the rated frequency (Optional)
	Battery mode (Hz)	(50/60±0.1%)
Crest factor		3:1
Harmonic distortion (THDv)		< 1% Linear load
		< 3% Non linear load
Transfer time (ms)	AC mode to bat.mode	0
	Inverter to bypass	0
Output waveform		Pure sinewave
Overload	Online mode	Load≤110%, last 60 min; ≤125%, last 10 min; ≤150%, last 1 min; >150%, turn to bypass mode immediately
	Battery mode	Load≤110%, last 10 min; ≤125%, last 1 min; ≤150%, last 10 seconds; >150%, 0.5 second shut down
	Bypass mode	105%≤load≤130%, only overload alarm; ≤150%, last 10 min; ≤200%,last 1 min; >200%, 0.5 second shut down
Efficiency	Online mode	Up to 95.5%
	ECO mode	99%
BATTERY		
Battery voltage (Vdc)	VRLA battery	192 (Default) /216/240
	Lithium battery	192
Charging Current (A)		15 Max.
		Charging current adapts to the battery type and battery capacity
INDICATORS		
LED display		Online mode, Bat.mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault
LCD display		Input voltage, Input frequency, Input current, Output voltage, Output frequency, Output current, Load percentage, Battery voltage, Battery charging/ discharging current, Ambient temperature & Remaining battery backup time
ALARM		
Battery mode		Beeping every 4 seconds
Battery low		Beeping every second
Overload		Beeping twice every second
Fault		Continously beeping
PHYSICAL		
Dimension W×D×H (mm)		440×621.5×86.5 (2U)
Net weight (kg)		17
ENVIRONMENT		
Operating temperature (°C)		0~40
Storage temperature (°C)		-25~55
Humidity range		0~95%RH (Non condensing)
Altitude (m)		< 1000, derating required between 1000 to 3000
Noise level* (dB)		≤50 at 1 Meter

1. Specifications are subject to change without prior notice

2. Data above are typical values for reference only, not as a basis for engineering design

3. *Online mode, full load, float charging