

POWER SOLID ONLINE UPS

PS-POU20K3311#40B9K

20 KVA

Features

- ▶ Multi-funtional touch screen
- ▶ Adjustable Input and Output Configuration
- ▶ AC/AC Efficiency up to %96
- ▶ Output power factor 1.0
- ▶ 4 Units Parallel
- ▶ Compact footprint with integrated autonomy
- ▶ Integrated with input,output,bypass,maintenance bypass and battery breaker



Technical Specifications

Model		PS-POU20K331I#40B9K	
Capacity (KVA)		20	
Input			
Voltage (Vac)		80-280(L-N)/138-485 (L-L)	
Frequency (Hz)		40-70	
Dual Main Input		Yes	
Power Factor		≥0.99	
Phase		3:3/3:1/1:1	
THDi at full linear load		<3%	
Output			
AC/AC Efficiency (Max.)		96%	
Power Factor		1.0	
Voltage (Vac)		220/230/240±1%(L-N) 380/400/415±1%(L-L)	
Frequency (Hz)		50/60±0.1 (battery mode)	
THDv		THD <1% (linear load), THD <3% (nonlinear load)	
Crest Factor		3:1	
Overload		105% load for long run, 110%load for 60 mins, 130% load for 10 mins,155% load for 1 min, above 155% load for 200ms	
EPO		Remote and Local	
Cold Start		Yes	
Battery			
Voltage (Vdc)		±240(±144 ~±240 adjustable) *	
Internal Battery		24~60*9AH/12V	
Charging Current (A)		1-10 settable	
Physical			
Dimension (W×D×H) (mm)		250*755*880	
Weight (kg)	With Battery	144(40*9AH)	
	Without Battery	53	
Other			
CommunicationInterface		RS485+EPO+Dry contact (1 input,5 output) (RS232+dry contact, SNMP are optional in slot)	
Display		4.3 Inch Touch Screen+ LED+ Physical buttons	
Alarm		Low battery, abnormal AC input, UPS failure, etc.	
Protection		Low battery, overload, short-circuit and over temperature, etc.	
Noise (dB)		<55	
Working Temperature °C		-5°C to 45°C	
Relative Humidity		0 ~ 95%, no condensation	
Altitude(m)		2000, no derate	