

POWER SOLID ONLINE UPS

PS-POU20KR#40BC0K

20 KVA

Features

- ▶ Adjustable Input and Output Configuration
- ▶ High AC/AC Efficiency up to %96
- ▶ $kVA = kW(PF = 1.0)$ up to 40 no derate
- ▶ Tower and Rack Compatible Design
- ▶ Support 4 Units Parallel
- ▶ Common battery bank on Parallel



Technical Specifications

Model		PS-POU20KR#40BC0K	
Capacity (VA/Watt)		20000VA / 20000W	
Input			
Phase		3:3/3:1/1:1	
Voltage (Vac)		80-280(L-N)/138-485 (L-L)	
Frequency (Hz)		40-70	
Power Factor		≥0.99	
THDi at full Linear load		<3%	
Dual Main Input		Yes	
Output			
Capacity(kVA)		20	
AC/AC Efficiency (Max.)		96%	
Power Factor		1 (1.0 at 40°C)	
Voltage (Vac) 2		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)	
Transfer Time		0	
Overload		115% load long run, 130% load for 15 min, 150% load for 1 min, above 150% load: 200ms	
ECO Mode		Yes	
Battery			
Voltage (Vdc)		±240 (±144~±240 adjustable) *	
Charging Current (A)		4 (1-10 settable)	
Physical			
Dimension, D × W × H (mm)	UPS	438×500×130 (3U)	
	Distribution Box	438×500×130 (3U)	
	Batt. Pack	438×500×130 (3U)	
Net Weight (kgs)	UPS	20	
Other			
CommunicationInterface		RS485+EPO (RS232+dry contact, SNMP are optional in slot)	
Display		Multi-functional LCD	
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		-5~40	
Relative Humidity		0 ~ 95%, no condensation	
Altitude(m)		2000, no derate	