

POWER SOLID ONLINE UPS

PS-POU40K331#40B9K

40 KVA



Features

- ▶ Multi-functional 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

APPLICATIONS



FINANCE



TELECOM



MEDICAL



DATA CENTER



ELECTRICITY



INDUSTRIAL



TRANSPORTATION



COMMERCIAL BUILDINGS

Technical Specifications

MODEL		PS-POU40K331#40B9K
Capacity (KVA)		40
INPUT		
Voltage (Vac)		138-485 (L-L)
Frequency (Hz)		40-70
Dual Main Input		Yes
Power Factor		≥0.99
Phase		3:3/3:1
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		80*9AH/12V
Charging Current (A)		1-20 settable
Physical		
Dimension (W×D×H) (mm)		300 x 785 x 1250
Weight (kg)	With Battery	289(80*9AH)
	Without Battery	85
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		-5~40
Relative Humidity		0 ~ 95%, No condensation
Altitude(m)		2000, no derate