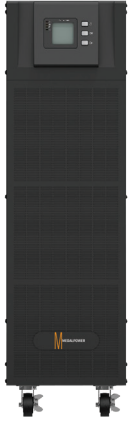


MPOU20K311#20B9KR

Features:

- >>Support parallel function (Optional)
- >>Wide input voltage range:208~478Vac
- >>Wide input frequency range:40~70Hz
- >>Maximum charging current up to 18A (Settable)
- >>Support 3/1 and 1/1 operation
- >>ECO mode operation for energy saving
- >>Design with maintenance switch
- >>Intelligent fan speed regulation
- >>Multiple protection function:short-circuit,overload,overheat, battery overcharge and overdischarge,output low voltage and fan fault alarm
- >>Multiple communication interface:RS232/USB/EPO (Relay card /SNMP card/Parallel kit optional)



LEAVE POWER FOR MEDAL POWER

Technical Specifications

LEAVE POWER FOR MEDAL POWER

MODEL		MPOU20K311#20B9KR
Capacity		20kVA / 18kW
INPUT		
Nominal voltage		380/400/415Vac (3PH+N+PE) 220/230/240Vac (L+N+PE)
Operating voltage range		208~478Vac ; 120~276Vac
Operating frequency range		40~70Hz (50/60Hz Auto-Sensing)
Bypass voltage range		Max.voltage:220V:±25% (Optional+10%,+15%,+20%) 230V:±20% (Optional+10%,+15%) 240V:±15% (Optional+10%) Min.voltage:-45% (Optional-20%,-30%)
FREQUENCY		
Frequency protection range		50/60Hz±10%
OUTPUT		
Output voltage		220/230/240Vac (L+N+PE)
Voltage regulation		±1%
Power factor		0.9
Output frequency	Line mode	±1%/±2%/±4%/±5%/±10% of the rated frequency (Optional)
	Bat. mode	(50/60±0.1%)Hz
Transfer time	AC mode to Bat.mode	0ms
	Inverter to Bypass	0ms
Output waveform		Pure Sinewave
Crest factor		3:1
Harmonic distortion (THDv)		≤2% Linear load ≤5% Non linear load
Overload	AC mode	Load≤110%: last 60min turn to bypass; ≤125%: last 10min turn to bypass; ≤150%: last 1min turn to bypass; ≥150% turn to bypass mode immediately
	Bat.mode	Load≤110%: last 10min; ≤125%: last 1min; ≥125% shut down UPS immediately
	Bypass mode	Breaker 2x63A
EFFICIENCY		
Efficiency		up to 94%
BATTERY		
Battery voltage	Standard unit	±120Vdc (2x20pcs 9Ah) (2x20pcs 7Ah optional)
	Long run unit	±96Vdc~±120Vdc (16~20pcs, 16pcs default, standard unit and 20pcs no power derating; 20pcs output power factor 0.9, 18pcs output power factor 0.8; 16pcs output power factor 0.7)
Charging current		2.7A charging current can be set according to battery capacity
PHYSICAL		
Dimension W x D x H (mm)		H: 220 x 531 x 450 ; S:250 x 900 x 868
Net weight (kg)		28/171
ENVIRONMENTAL		
Operating temperature		0°C~40°C
Storage temperature		-25°C~55°C
Humidity range		0~95% (Non condensing)
Altitude		<1500m,derating required when>1500m
Noise level		<58dB at 1 Meter