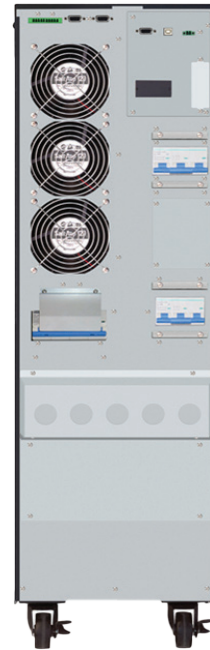


## MP-OU20K3311#40B9FV

### Features:

- >> DSP and MCU dual chips to secure the product reliability.
- >> For critical applications, this 3-phase online UPS with output power factor 1.0 ensures higher efficiency and advanced performance.
- >> Inbuilt the speaker to have human voice for the warning / error codes notice instead of traditional beeps.
- >> Supporting 110% overload capacity for 60 min and up to 1 min overload condition at 150% load.
- >> The number of connected batteries can be adjusted flexibly based on different power demands.
- >> This dynamic password is automatically generated from our exclusive utility tool. Each time when it is required to change service-related settings, this utility tool would generate an unique password on time basis. It secures UPS from unexpected operation due to unauthorized settings.
- >> Designed to have flexible power walk-in by way of adjusting the power walk-in time. This setting will optimize generator sizing and reduce the impact to the AC source by having different walk-in time period for different paralleled UPS system when AC grid is recovered.



LEAVE POWER FOR MEDAL POWER

# Technical Specifications

LEAVE POWER FOR MEDAL POWER

MODEL		MP-OU20K3311#40B9FV
PHASE		3311
CAPACITY		20KV /20KW
PARALLEL CAPABILITY		up to 6 units in parallel
INPUT		
Nominal Voltage		3 x 380/400/415 VAC (3Ph+N)
Voltage Range		-30% ~ +20%
Frequency Range		40~70 Hz
Power Factor		≥ 0.99 @ 100% Load
Harmonic Distortion (THDi)		< 4% at full linear load
OUTPUT		
Output Voltage		3 x 360*/380/400/415 VAC (3Ph+N)
AC Voltage Regulation (Batt. Mode)		± 1%
Frequency Range (Synchronized Range)		46~54Hz or 56~64Hz
Frequency Range (Batt. Mode)		50/60 Hz ± 1%
Current Crest Ratio		3:1 (max.)
Harmonic Distortion		≥ 2 % THD (Linear Load) ; 5 % THD (Non-linear Load)
Transfer Time	AC Mode to Batt. Mode	Zero
	Inverter to Bypass	Zero
Waveform (Batt. Mode)		Pure Sine wave
Overload Capability		100-110% for 60 min, 111-125% for 10 min, 126%~150% for 1 min; >150% or 400ms
BYPASS		
Nominal Voltage		3 x 380/400/415 VAC (3Ph+N)
Voltage Range		-30% ~ +20% (Adjustable)
Frequency Range (Synchronized Range)		46~54Hz or 56~64Hz
Overload Capability		Continuously working until breaker protection (optional)
EFFICIENCY		
AC Mode		96.0%
ECO Mode		99.0%
Battery Mode		96.0%
BATTERY		
Standard Model	Battery Type	12 V/9Ah
	Numbers	(20+20) pcs
	Typical Recharge Time	9 hours recover to 90% capacity
	Charging Current (max.)	1A ~ 12A (Adjustable)
	Charging Voltage	+/-218 VDC ± 10%
INDICATORS		
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions
PHYSICAL		
Standard Model	Dimension, DxWxH (mm)	630 x 250 x 826
	Net Weight (kgs)	139
ENVIRONMENT		
Operation Temperature		0-40°C
Operation Humidity		< 95% and non-condensing
Altitude**		0 ~ 1500m at full load
Noise Level		Less than 63 dB @1 Meter
MANAGEMENT		
Smart RS-232 / USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC
Optional SNMP		Power management from SNMP manager and web browser