

Online UPS 3 Phase Out

MPP Series

10-30kVA 3:3 Phase



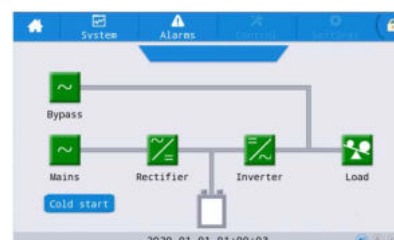
Applications:

For all kind of ADP Machines

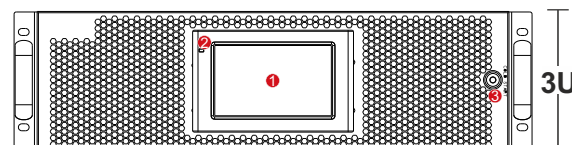


Features:

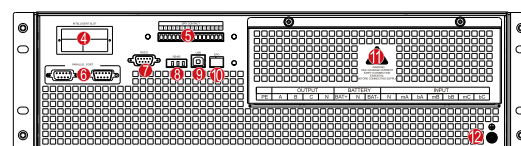
- True online double-conversion topology
- 5 Inch LCD display for comprehensive UPS information
- DSP technology guarantees high performance
- Output power factor unity (1.0, kVA = kW)
- Active power factor correction at input
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency power off function (EPO)
- Generator compatible
- Supports dual AC inputs
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery numbers, (32-40 Nos.)
- Parallel operation with common battery
- Can be configured as 3/3, 3/1 & 1/1



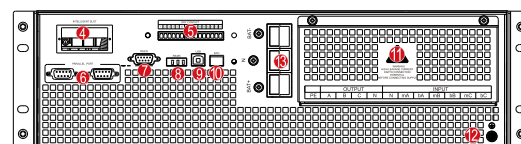
5 Inch Touch Screen Display



10-30kVA front appearance



10-20kVA back appearance



30kVA back appearance

Rear Panel:

1. Touch screen LCD display
2. LED
3. Battery Start Button
4. SNMP Card (Optional)
5. Dry Contacts
6. Parallel Port
7. RS232
8. RS485
9. USB
10. EPO
11. Terminal Block
12. GND
13. Battery Connectors

▶ Technical Specifications of MPP Series 10~30kVA

MODEL		MPP3310L32	MPP3315L32	MPP3320L32	MPP3330L32
PHASE		3-phase in / 3-phase out			
CAPACITY		10KVA/10KW	15KVA/15KW	20KVA/20KW	30KVA/30KW
PARALLEL CAPABILITY		4			
INPUT					
Nominal Voltage		380 / 400 / 415 V AC (3P+N+PE)			
Voltage Range		228V~304V AC			
Frequency		40~70Hz			
Power Factor		≥ 0.99			
OUTPUT					
Output Voltage		380 / 400 / 415 V AC (3P+N+PE)			
AC Voltage Regulation (Batt. Mode)		± 1%			
Frequency Range (Synchronized Range)		46~54Hz or 56~64Hz			
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz			
Current Crest Ratio		3:1 (max.)			
Harmonic Distortion		≤1%			
Transfer Time	AC mode to Battery mode	Zero			
	Inverter to Bypass	Zero			
Waveform (Batt. Mode)		Pure Sinewave			
Overload		<110% for 60 min, 110%-125% for 10 min, 125%~150% for 1 min; >150% 200 msec			
EFFICIENCY					
AC Mode		96.0%			
ECO Mode		98.9%			
Battery Mode		95.0%			
BATTERY					
Battery Type		VRLA (Lithium Battery Compatible)			
Battery Numbers		32~40 pcs (Adjustable)			
PHYSICAL					
Dimension, D x W x H (mm)		532 x 800 x 130 (3U)			440 x 750 x 130
Net Weight (Kgs)		22	24		29
ENVIRONMENT					
Operating Temperature		0-50°C*			
Operating Humidity		< 95 % and non-condensing			
Noise Level		Less than 55dBA @ 1 Meter		Less than 58dB @ 1 Meter	
STANDARDS					
Quality		ISO 9001, ISO 14001, ISO 45001, ISO 27001, ISO 50001, RoHS			
Safety		IEC/EN62040-1			
EMC / Performance		IEC/EN62040-2; IEC/EN62040-3, Complying to CE			
COMMUNICATION INTERFACE					
Standard		Smart RS232, USB, RS485, EPO, Dry Contact, Parallel Port			
Optional		SNMP, Wi-Fi Card, GPRS Card, SMS Alarms			
Monitoring Software		NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000			

* Conditions apply.
 Specifications are subject to change without prior notice.

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