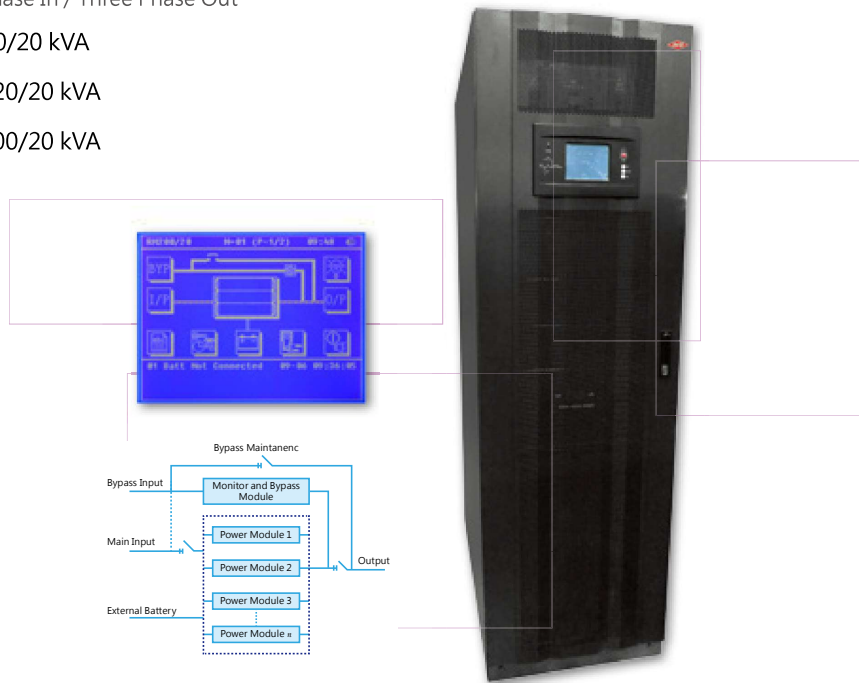


## Modular UPS Series

Three Phase In / Three Phase Out

- ▲ MP60/20 kVA
- ▲ MP120/20 kVA
- ▲ MP200/20 kVA



### Features :

- ◆ 20kVA power module in 3 U height and less than 23kg
- ◆ Up to 20 power modules in parallel online hot-swappable
- ◆ N+X Redundancy and flexibility
- ◆ Independent charger for each module and the whole charging process be controlled intelligently
- ◆ Battery cold start
- ◆ Convenient for site installation by easy connection access
- ◆ High power density
- ◆ Integrated IGBT design with high reliability
- ◆ Isolated cooling air channel to prevent PCB boards from dust
- ◆ Optional in-built isolation transformer

MODEL	MP60/20	MP120/20	MP200/20
Capacity	60kVA/54kW	120kVA/108kW	200kVA/180kW
Power Module	20kVA		
<b>Input</b>			
Phase	3 Phases + Neutral + Ground		
Rated Input Voltage	380/400/415VAC		
Input Voltage Range	304~478Vac (line-line), full load; 228V~304Vac (line-line), load decrease linearly according to the min. phase voltage		
Input Frequency Range	40Hz ~ 70Hz		
Input Power Factor	>0.99		
Input Current THDi	<3% , linear load		
<b>Output</b>			
Rated Voltage	380/400/415VAC (line-line)		
Rated Frequency	50/60Hz		
Output Power Factor	0.9		
Voltage Regulation	1% for balance load; 1.5% for unbalance load		
Output Voltage THDu	<1% (linear load)		
Overload Capability	110% for 60mins; 125% for 10mins; 150% for 1min; >150% for 200ms		
<b>Battery</b>			
Battery Rate Voltage	±240VDC		
Charging Capacity	max=20% *Output power		
<b>Efficiency</b>			
Normal Operation	95%		
ECO Operation	99%		
<b>Others</b>			
Display	LCD+LED, Touch Screen, Keyboard		
Communication Interface	Standard:RS232, RS485, Dry Contacts; Optional : SNMP		
Operation Temperature	0 ~ 40 °C		
Storage Temperature	-40 ~ 70 °C		
Protection Degree	IP20		
Relative Humidity	0 ~ 95% (Non condensing)		
Noise (1 meter)	<55dB		
Power Module Dimension (W*D*H,mm)	440*590*134		
Power Module Weight (kg)	22		
Cabinet Dimension (W*D*H,mm)	600*900*1100	600*900*1600	600*900*2000
Cabinet Weight (kg)	105	145	179

\* Specification is subject to change without prior notice.