

Modular three-phase UPS

ATP RMB

Power: 20 - 60KVA

Input voltage: 380 / 400 / 415VAC

Output voltage: 380 / 400 / 415VAC



The Atlantic Power ATP RMB series is a modular OnLine UPS with hot swappable battery. Single cabinet power ratings range from 20kVA to 60kVA, offering the best combination of reliability, hot swap, and flexibility.

With intelligent battery management and protection technology, ATP RMB realizes a compact total power solution that is easy for installation, maintenance and power expansion.

ATP RM Features

- Modular design with swappable battery package.
- Monitor system for battery.
- Integrated IGBT module with improved performance and reduced size.
- Easy for installation and maintenance.
- Easy for power expansion and backup time expansion.
- Intelligent protection technology for safe and reliable hot swappable battery package of the system.
- Smart charging management system, intelligently control the whole process of the charging and discharging, effectively improving the life time of the battery.
- Battery cold start.
- Friendly human machine interface with touch screen.

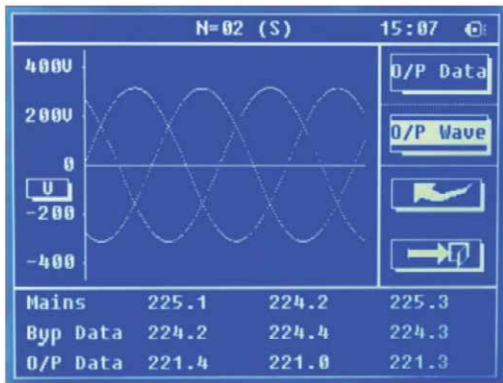


Hot Swappable Battery Modules

- Scalable from 20kVA to 60kVA, max 20 power modules in parallel.
- Inherently N+X redundant.
- Easy to install and maintain
- Easy for power expansion and backup time expansion.
- Smart protection technology for a safe and reliable hot swappable system battery pack.
- Power, control and bypass, all in the same frame.



10 batteries module.
7AH or 9AH.

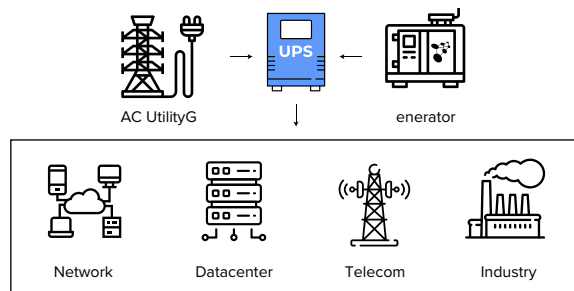


5.7" LCD Touch Screen

- Displays information on the status of the UPS, input and output electrical parameters, charge percentage and backup time of the UPS system.
- Allows the selection of operating modes and configuration of equipment operating parameters.

Fields of application

Its versatility and reliability make it an ideal UPS for medium and large datacenters, industrial processes, sensitive equipment in telecommunications networks and as a power supply to office equipment in medium and large companies.



Technical specifications

MODEL	ATP RM 060/20B
Capacity	60 kVA
Power Module Capacity	20 kVA / 18 kW
INPUT	
Dual Input	Optional
Phase	3 Phase + Neutral + Ground, 380V/400V/415V (line-line)
Voltage Range	304 ~ 478Vac (line-line), full load;
	228V ~ 304Vac (line-line), load decrease linearly according to the min phase voltage
Rated Frequency	50/60Hz
Frequency range	40Hz ~ 70Hz
PF Input	0.99
THDi Input	3% (100% Linear Load)
BYPASS	
Voltage Rate	380/400/415VAC (line-line)
Rated Frequency	50/60Hz
Voltage Range	Settable, -40% ~ +25%
Bypass Frequency Range	Settable, ±1Hz, ±3Hz, ±5Hz
Bypass Overload	125% long term operation; 130% for 1 hour; 150% for 6 min; >1000% for 100 ms
OUTPUT	
Voltage Rate	380/400/415VAC (line-line)
Voltage Regulation	1% for balance load; 1.5% for unbalance load
Rated Frequency	50/60Hz
Frequency Accuracy	0,10%
PF Output	0,9
THDu Output	<1%, Linear Load; <5.5%, Non-linear load
Crest Factor	3:01
Inverter Overload	110% for 1 hour; 125% for 10 mins; 150% for 1 min; 150% for 200 ms
BATTERY	
Voltage	±240VDC
Battery Number	40pcs (Settable: even number from 32 to 44)
Voltage Accuracy	±1%
Charging Power	up to 20% *Output active power
Cold Start Battery	Standard
SYSTEM	
Efficiency	AC Mode 95.0%
	ECO Mode 99.0%
	Battery Mode 95.0%
Display	5.7" touch screen LCD + LED + keyboard
IP class	IP 20
Interface	RS232, RS485, Programmable Dry Contact
Option	SNMP Card, Parallel kit, SPD, LBS, Dust filter
Temperature	Operation: 0 ~ 40°C Storage: -40 ~ 70°C
Relative Humidity	0 ~ 95% Non-condensing
Altitude	<1000m. Within 1000m to 2000m, power derate 1% for every 100m rise
Noise (1 meter)	55dB @ 50% load
Applicable Standards	Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3
PHYSICAL	
Weight (kg)	Cabinet: 205kg Power module: 22kg Battery package: 10kg (without battery)
Dimension W * D * H (mm)	Cabinet: 600*1020*2000
	Power module: 440*590*134
	Battery pack: 120*824*177

* If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated 1% per each 100m.

* Product specifications are subject to change without further notice.

