Modular three-phase UPS

ATP DM Series

30-300kVA

208 V/220 V

ATLANTIC POWERenergy

ATP DM Modular Online UPS is cost-beneficial product for medium and large datacenter. 50kVA power module in 4U height, 300kVA in one cabinet and the footprint less than 1.45m2, 3 units in parallel for a capacity up to 900kVA.

The modular ATP series features the latest 3-level technology and PFC input control, ensuring high 94% efficiency and ultra-reliability, making it an excellent choice for medium to larger installations.

Independent LCD for Each Power Module

Each power module has an independent LCD, gives users 'direct overview of status data and alarms in real time.

Friendly Interface

10.4 "color LCD touch screen with complete graphic information of the operation, to facilitate customer maintenance.

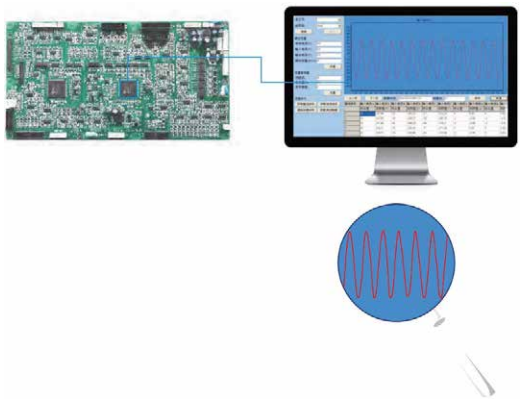
Comprehensive Monitoring Management

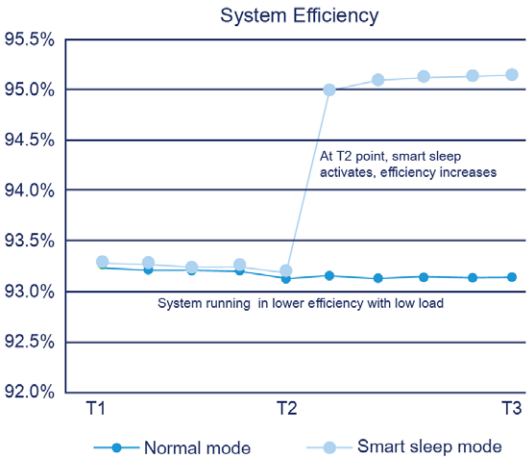
In each power module, information of critical components is monitored and displayed in real time, giving customers a view of inner status of the system and providing reminder information for maintenance.

- Maintenance reminder, running time of capacitors and fans displayed and recorded.
- Capacitor and fan run time displayed and saved.
- Comprehensive temperature monitoring for thermal abnormal detection.
- Intelligent battery charger for long battery life.

Critical Waveform Recording

- UPS can record and save the data of the main parameters automatically when faults happen for further analysis.
- Can record data information and present as waveform for further analysis.
- Can easily spot the causes of the failures, avoid future similar faults.

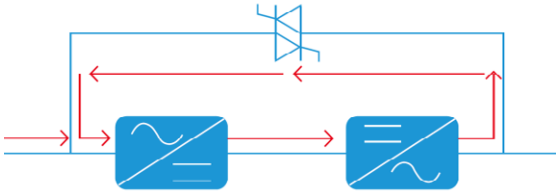




Smart Sleep

The smart sleep function can intelligently put some power mo- dules to sleep when the load is relatively low, improving the effi- ciency of the remaining power modules and saving customers on power and cooling costs.

- Improving efficiency, reducing power and cooling costs.
- Easy setting with just two steps. Customers can select sleep mode and rotation period.
- Power modules working in rotation, prolong the life time.



Self-Aging

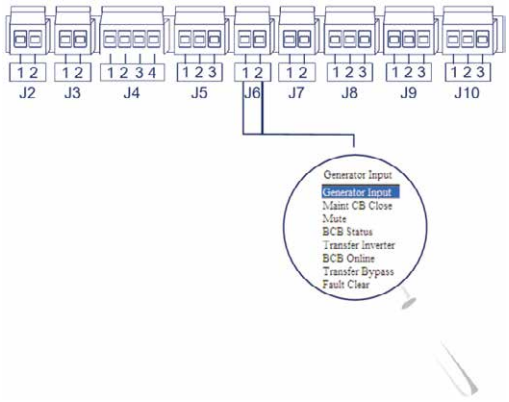
Self-aging is an advanced function applied in all ATP three phase UPS. Self-aging function can test UPS under different load situation without real load, saving more than 90% of energy.

- Simulate different load conditions without connecting to any real load, saving 90% of energy.
- On site setting supported, easy for factory testing.

Programmable Dry Contacts

Programmable dry contacts are available on all ATP modular UPSs. Customers can easily expand or modify the definition of each port.

- Wide options with three inputs and four outputs, all programmable.
- Easy setup, just open the drop down menu and configure.
- Compatible with all ATP modular series.



Technical specifications

MODEL		ATP-DM 060/30X	ATP-DM 120/30X	ATP-DM 180/30X	ATP-DM 300/30X
Capacity		60kVA	120kVA	180kVA	300kVA
Power Module		PD30X (30kVA/27kW)			
INPUT					
Phases		3 Phase + Neutral + Ground, 208V/220V (line to line)			
Voltage Range		166-261Vac (line-line), full load;			
		166-125Vac (line-line), load derated linearly			
Frequency Range		40Hz-70Hz			
THDi		<3% (full linear load)			
Power Factor		>0.99			
OUTPUT					
Rated Voltage		208V/220V (line to line)			
Voltage Regulation		±1% for balance load; ±1.5% for unbalance load			
THDu		<1.5% (linear load), <6% (none-linear load)			
Power Factor		0,9			
Power Range		50/60Hz			
Overload Capacity		110% for 60 min; 125% for 10 min; 150% for 1 min; >150% for 200ms			
BATTERIES					
Rated Voltage		±120VDC			
Charge Power		20%*System Power			
Voltage Precision		1%			
SYSTEM					
Efficiency	Normal	94%			
	Battery	93%			
Display		Pantalla táctil LCD a color + LED + teclado			
IP Class		IP20			
Interface		Standard: RS232, RS485, USB, Dry contacts(programmable) Option: SNMP, AS400, Parallel kit, Battery cold start(standard for 180kVA and 300kVA), Lightning protection components, Dust Filter, LBS			
Voltage Accuracy		0 - 40°C/-40-70°C			
Relative Humidity		0 - 95% (non-condensing)			
Noise Level		68dB @ 100% load, 65dB @ 45% load	72dB @ 100% load, 69dB @ 45% load		
PHYSICAL					
Weight (kg)	Cabinet	210	350	490	900
	Module power	45			
Dimensions (W*D*H) (mm)	Cabinet	600*980*1150	650*960*1600	650*960*2000	1300*1100*2000
	Module power	510*700*178			
APPLICABLE STANDARDS					
General safety requirements for UPS used in operator access areas		EN50091-1-1/IEC62040-1-1/AS 62040-1-1			
Electromagnetic compatibility (EMC) requirements for UPS		EN50091-2/IEC62040-2/AS 62040-2 (C3)			
Method of specifying the performance and test requirements of UPS		EN50091-3/IEC62040-3/AS 62040-3 (VFI SS 111)			