

# Apollo DM Series Three Phase Modular On-Line UPS

## DM Series 3 Phase Modular On-Line UPS, 3P 200V/208V/220V

The DM series modular UPS provides the compact footprint of less than 4.5m<sup>2</sup> with maximum capacity of 900kVA in parallel, designed to protect any critical load for medium and larger data center achieving maximum availability. The DM series feature the latest technology of 3-level technology and PFC input control, which guarantees high efficiency of 94% and ultra-reliability, making it an excellent choice for medium and larger facilities.



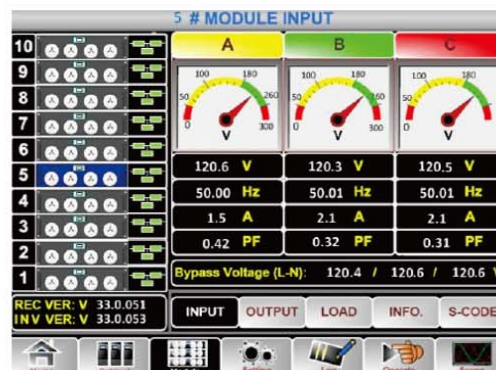
### Independent LCD for Each Power Module

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



### Friendly Interface

10.4" touch color LCD with comprehensive graphical information of operation, easier for customer to maintenance.

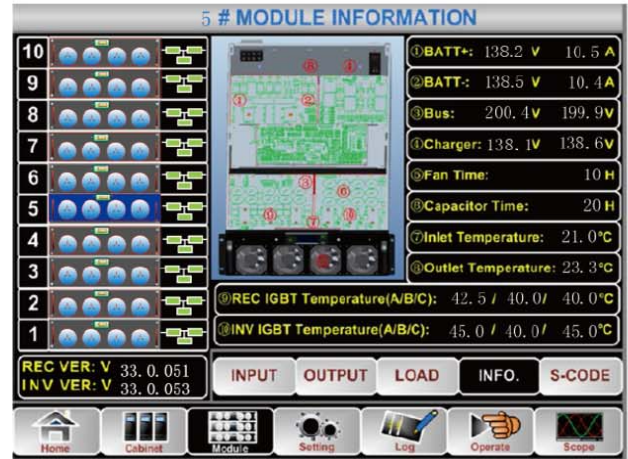


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## Comprehensive Monitoring Management

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.

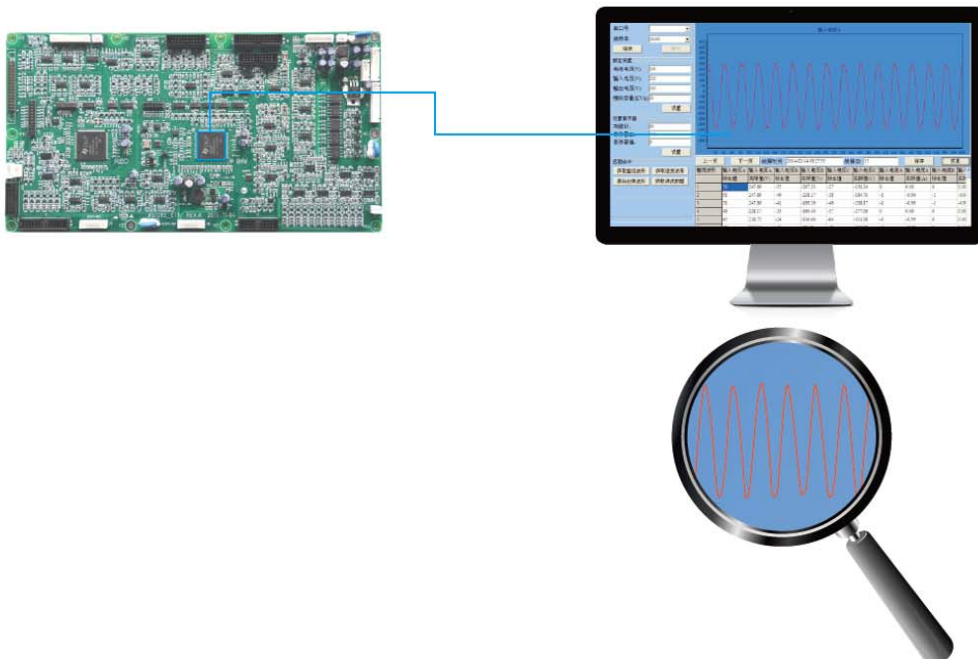
- Maintenance reminder, running time of capacitors and fans displayed and recorded
- Comprehensive temperature monitoring for thermal abnormal detection
- Intelligent battery charger for long battery life



## 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

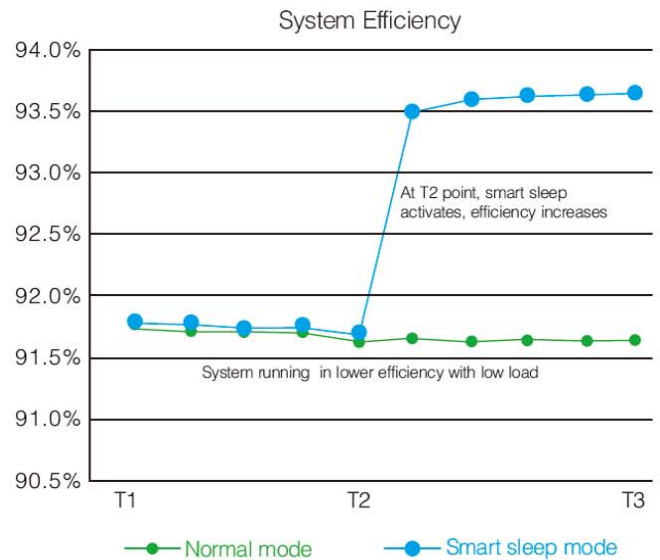


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## Smart Sleep

Smart Sleep function can intelligently make some power modules go to sleep when load is relatively low, improving the efficiency of the remaining power modules and saving customers on power and cooling costs.

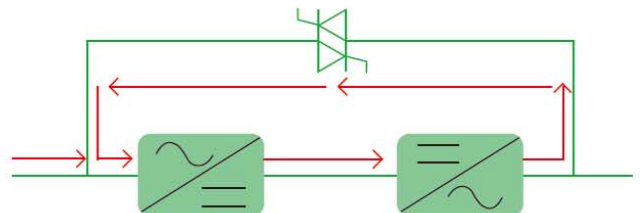
- Improving efficiency, reducing power and cooling costs
- Easy setting with just two steps. Customers can select sleep mode and rotation period
- Power modules working in rotation, prolong the life time



## Self-aging

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

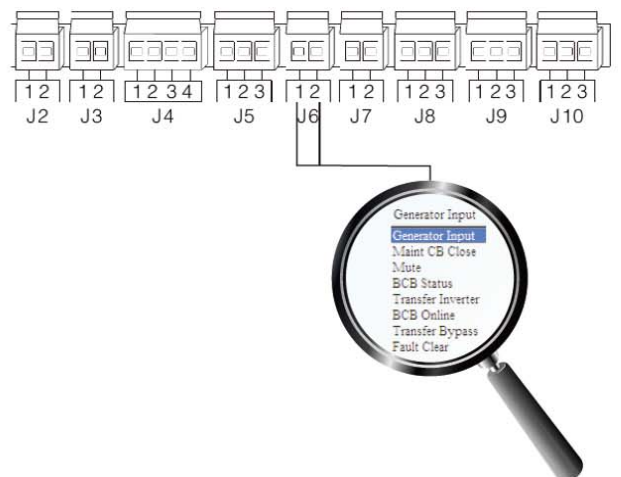
- Simulate different load conditions without connecting to any real load, saving more than 90% of energy
- On site setting supported, easy for factory testing



## Programmable Dry Contacts

Programmable dry contacts are available in all DM, RML and DT33 series UPS. Customers can easily expand or modify the definition of each port.

- Abundant options with three inputs and four outputs, all programmable
- Easy setting, just pull the drop-down menu and set
- Compatible with all the DM, RML and DT33 series



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## Specification

MODEL	DM060/30X	DM120/30X	DM180/30X	DM300/30X	
Capacity	60kVA	120kVA	180kVA	300kVA	
Power module	PD30X(30kVA/27kW)				
<b>INPUT</b>					
Phase	3 Phase + Neutral + Ground, 200V/208V/220V (line to line)				
Voltage range	166-261Vac (line-line), full load; 166-125Vac (line-line), load derated from 100%-75% linearly				
Frequency range	40Hz-70Hz				
THDi	<3% (full linear load)				
Power factor	>0.99				
<b>OUTPUT</b>					
Voltage	200V/208V/220V (line to line)				
Voltage regulation	±1.5%				
THDu	<1.5% (linear load), <6% (none-linear load)				
Power factor	0.9				
Frequency range	50/60Hz				
Overload capability	110% for 60 min; 125% for 10 min; 150% for 1 min; >150% for 200ms				
<b>BATTERY</b>					
Voltage	±120VDC				
Charge power	20%*System Power				
Voltage precision	1%				
<b>SYSTEM</b>					
Efficiency	Normal	94%			
	Battery	94%			
Display	Color LCD touch screen+ LED+ Keyboard				
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				
Operation/storage	0-40°C/-40-70°C				
Relative humidity	0-95% (non-condensing)				
Noise	68dB @ 100% load, 65dB @ 45% load	72dB @ 100% load, 69dB @ 45% load			
<b>PHYSICAL</b>					
Weight (kg)	Cabinet	210	350	490	900
	Power Module	45			
Dimension (W*D*H) (mm)	Cabinet	600*980 *1150	650*960 *1600	650*960 *2000	1300*1100 *2000
	Power Module	510*700*178			