

## DM Series Modular Online UPS 30-300kVA (200V/208V/220V)

**COMCAST** GROUP



## Description

The DM series modular UPS provides the compact footprint of less than 4.5 m<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.



## 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.

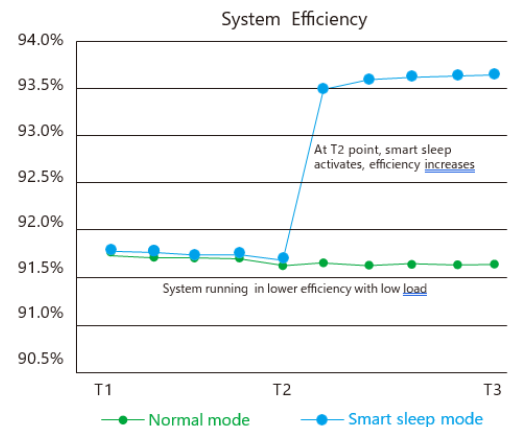
- Maintenance reminder, running time of capacitors and fans displayed and recorded.
- Comprehensive temperature monitoring for thermal abnormal detection
- Intelligent battery charger for long battery life



## Smart Slee

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.

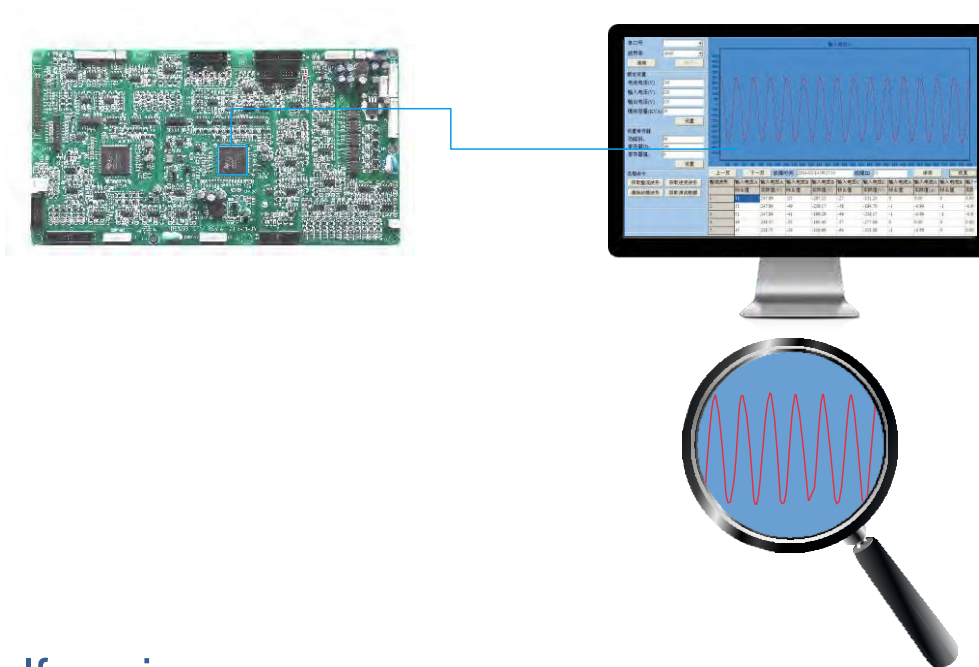
- Improving efficiency, reducing power and cooling costs.
- Easy setting with just two steps. Customers can select sleep mode and rotation period.
- Power modules working in rotation, prolong the lifetime.



## 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

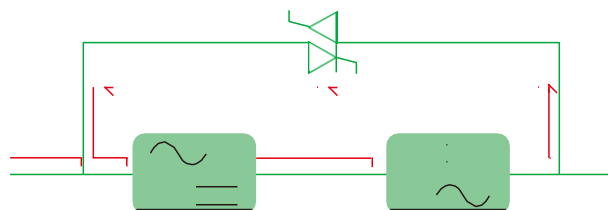
Can easily spot the causes of the failures, avoid future similar faults



## 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.

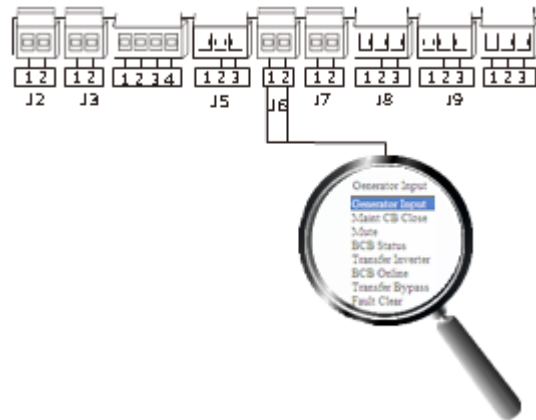
- Simulate different load conditions without connecting to any real load, saving more than 90% of energy.
- On site setting supported, easy for factory testing.



# 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



## Specification

MODEL		DM060/30X	DM120/30X	DM180/30X	DM300/30X
Capacity		60kVA	120kVA	180kVA	300kVA
Power module		PD30X(30kVA/27kW)			
INPUT					
Phase		3 Phase + Neutral + Ground, 208V/220V (line to line)			
Voltage range		166-261Vac (line-line), full load; 166-126Vac (line-line), load derated linearly			
Frequency range		40Hz-70Hz			
THDi		<3% (full linear load)			
Power factor		≥0.99			
OUTPUT					
Voltage		208V/220V (line to line)			
Voltage regulation		±1% for balance load; ±1.6% for unbalance load			
THDu		<1.6% (linear load), <6% (non-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			
BATTERY					
Voltage		±20VDC			
Charge power		20%*System Power			
Voltage precision		1%			
SYSTEM					
Efficiency	Normal	94%			
	Battery	93%			
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		0-96% (non-condensing)			
Noise		66dB @ 100% load, 65dB @ 46% load	72dB @ 100% load, 69dB @ 46% load		
PHYSICAL					
Weight (kg)	Cabinet	210	360	490	900
	Power Module	45			
Dimension (W*D*H) (mm)	Cabinet	600*980 *1160	660*960 *1600	660*970 *2000	1300*1100 *2000
	Power Module	510*700*178			

### For More Information

Please visit our website [www.comcast-sa.com](http://www.comcast-sa.com) or contact your local sales representative.

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