

DM Series Modular Online UPS 10-50kVA (200V/208V/220V)

The rack modular, scalable, hot-swappable, online double conversion UPS ranging from 10 to 50kVA, with its compact structure, is the ideal choice for small and medium data center.



Features

Rack modular design

Modular design, compatible with 19" standard rack cabinet, convenient to be integrated into server cabinet

High power density

10kVA power module in 2U height, saving great amount of space, easy for capacity expansion

Integrated solution for data center

UPS can be integrated with battery cabinet, PDU and external maintenance bypass, offering excellent choice for data center

Smart sleep function

System can intelligently shut down some power modules to increase total load rate, achieving higher efficiency

Self-aging mode

Energy internal circle technology, system can run with full load, saving more than 90% energy

Friendly interface

7" touch color LCD with graphic display, more information displayed and easier for customer to operate

Intelligent charging management

The system intelligently control the whole process of the charging and discharging, effectively improving the life time of the battery

Specification

MODEL	DM050/10X	DM030/10X	DM020/10X	
Capacity	50kVA/50kW	30kVA/30kW	20kVA/20kW	
Power module	PD10X(10kVA/10kW)			
INPUT				
Phase	3 Phase + Neutral + Ground (208V/220V)			
Voltage range	187~260Vac (Line-Line),full load; 125V~187Vac (Line-Line),load derated linearly			
Frequency range	40Hz-70Hz			
Power factor	>0.99			
THDi	THDi<4% @ 100% linear load			
OUTPUT				
Voltage	208V/220V			
Voltage regulation	±1% for balance load; ±1.5% for unbalance load			
Power factor	1			
THDu	THD<1% (linear load), THD<5.5% (non-linear load)			
Crest factor	3:1			
Overload capability	110% for 10 min; 125% for 1 min; 150% for 30 s; >150% for 200ms			
BATTERY				
Voltage	±120VDC			
Charge power	20%*System Power			
Charge voltage precision	±1%			
SYSTEM				
System efficiency	Normal mode:93%; ECO mode:98%; Battery mode:92.5%			
Display	7.0" color touch screen LCD + LED + Keyboard			
IP class	IP20			
Interface	Standard: RS232, RS485, Dry contacts; Optional: SNMP			
Operation/Storage temperature	0-40°C/-40-70°C			
Relative humidity	0-95% (non-condensing)			
Noise	58dB @ full load, 52dB @ 45% load (1 meter away)			
PHYSICAL				
Weight (kg)	Cabinet	85	52	42
	Power Module	16		
Dimension (W*D*H) (mm)	Cabinet	485*751*1033	485*751*575 (11U)	485*697*398 (7U)
	Power Module	436*590*85 (2U)		