

PlusModule 1 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

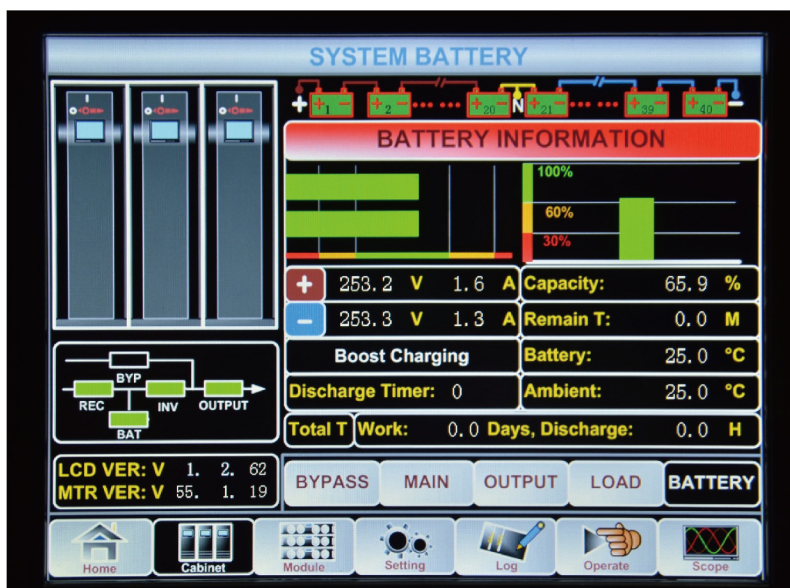


Intelligent charging management

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

Friendly LCD Display

Provide graphical and text based information of alarms, status data, instructions that users can have more friendly and safer operation.



Specification

MODEL	PlusModule 1-20/10X	PlusModule 1-30/10X	PlusModule 1-50/10X	
Capacity	20kVA/20kW	30kVA/30kW	50kVA/50kW	
Power module	PlusModule 1-10X(10KVA/10KW)			
INPUT				
Phase	3 Phase + Neural + Ground (115/200Vac, 120/208Vac, 127/220Vac)			
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	3 Phase + Neural + Ground (115/200Vac, 120/208Vac, 127/220Vac)			
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 / -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	42	52	85
	Power Module	16		
Dimension (W*D*H)(mm)	Cabinet	485*697*398	485*751*575	485*751*1033
	Power Module	436*590*85 (2U)		

*Product specifications are subject to change without further notice.

Typical Application



Security and Surveillance System



Financial Services



Telecom



Data Center



Manufacturing Process Control



Petro Chemical Industry



Building Management



Automatic Control System

