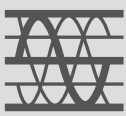


SM30KPMX/SM180KMFx
SM300KMFx/SM600KMFx

SCALABLE UPS TO GUARANTEE ULTIMATE POWER PROTECTION



Three-phase
Design



Online (Double
Conversion) UPS
Topology



Energy Saving
Technology



Active PFC
Compatible



Pure Sine Wave
Output



Load
Overload
Protection

The 3-Phase Modular UPS with N+X redundancy design and hot-swappable modularity for mission-critical applications

Designed for server room and data center applications, the Modular UPS (3-Phase) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The modular UPSs support vertical addition of power modules, and horizontal expansion by paralleling multiple systems to achieve even higher capacity, allowing users to customize base on their business needs. The N+1 redundancy design and replaceable modularity enhances the system availability and avoids the risk of single point of failure.

APPLICATION

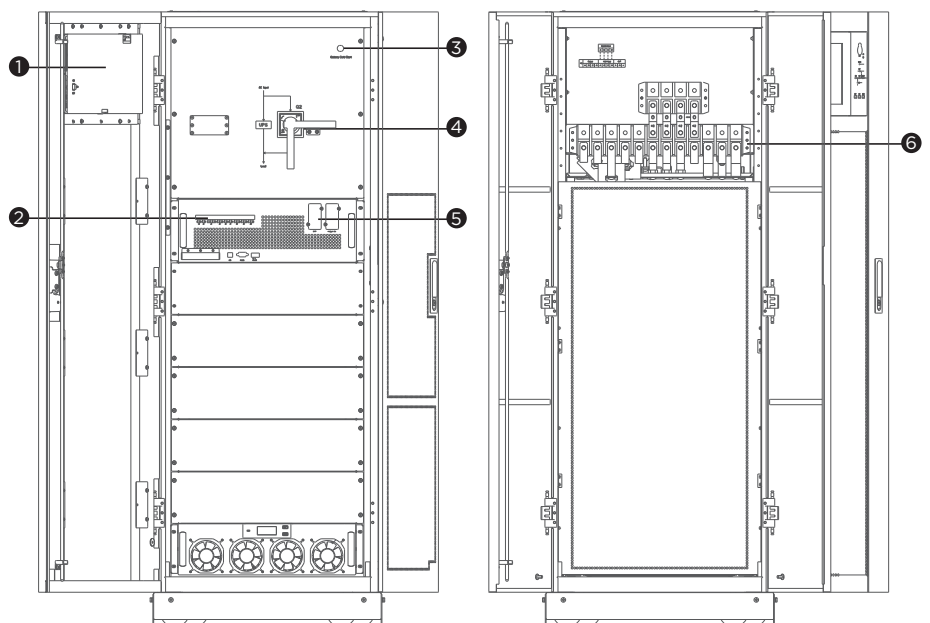
- Server Room
- Factory
- Train Station
- Data Center
- Airport

SERIES FEATURES

- Three Phase Modular UPS
- Online (Double Conversion) UPS Topology
- Energy Saving Technology
- Active PFC Compatible
- Pure Sine Wave Output
- Overload Protection
- Maintenance Bypass Switch
- Smart Battery Management (SBM)

PRODUCT CALLOUTS

1. LCD Control Panel
2. Dry Contact
3. Battery Cold Start
4. Manual Bypass Switch
5. Remote Management Card Slot
6. Terminal Block



SM180KMFx

TECHNICAL SPECIFICATIONS

Model Name	SM30KPMX	SM180KMFX	SM300KMFX	SM600KMFX
General				
Phase	Three Phase Power Module	Three Phase Modular UPS	Three Phase Modular UPS	Three Phase Modular UPS
Energy Saving Technology	Online ECO Mode Efficiency > 98%	Online ECO Mode Efficiency > 98%	Online ECO Mode Efficiency > 98%	Online ECO Mode Efficiency > 98%
Normal Mode Efficiency (%)	95%	95%	95%	95%
Battery Mode Efficiency (%)	95%	95%	95%	95%
Parallel Expansion (Max. Units)	-	5	3	-
Input				
Dual Power Inputs	-	Yes	Yes	Yes
Input Voltage (Vac)	Line to Line (L-L):380 - 415 Vac, Line to Neutral (L-N):220 - 240 Vac	Line to Neutral (L-N):220 - 240 Vac, Line to Line (L-L):380 - 415 Vac	Line to Neutral (L-N):220 - 240 Vac, Line to Line (L-L):380 - 415 Vac	Line to Neutral (L-N):220 - 240 Vac, Line to Line (L-L):380 - 415 Vac
Input Frequency (Hz)	60 ± 3, 50 ± 3	50 ± 3, 60 ± 3	50 ± 3, 60 ± 3	50 ± 3, 60 ± 3
Input Power Factor	0.99	0.99	0.99	0.99
Output				
Capacity (VA)	30000	180000	300000	600000
Capacity (Watts)	27000	162000	270000	540000
Output Voltage (Vac)	Line to Line (L-L):380 - 415 Vac, Line to Neutral (L-N):220 - 240 Vac	Line to Line (L-L):380 - 415 Vac, Line to Neutral (L-N):220 - 240 Vac	Line to Line (L-L):380 - 415 Vac, Line to Neutral (L-N):220 - 240 Vac	Line to Line (L-L):380 - 415 Vac, Line to Neutral (L-N):220 - 240 Vac
Output Voltage Tolerance (%)	1%	1%	1%	1%
Power Factor	0.9	0.9	0.9	0.9
Overload Protection (Line Mode)	105-110% Load for 60 min, 110-125% Load for 10 min, 125-150% Load for 1 min, >150% Load Immediately	105-110% Load for 60 min, 110-125% Load for 10 min, 125-150% Load for 1 min, >150% Load Immediately	105-110% Load for 60 min, 110-125% Load for 10 min, 125-150% Load for 1 min, >150% Load Immediately	105-110% Load for 60 min, 110-125% Load for 10 min, 125-150% Load for 1 min, >150% Load Immediately
Crest Factor	3:1	3:1	3:1	3:1
Harmonic Distortion (Linear Load)	THD < 1%	THD < 1%	THD < 1%	THD < 1%
Harmonic Distortion (Non-linear Load)	THD < 5.5%	THD < 5.5%	THD < 5.5%	THD < 5.5%
Battery				
Maximum Recharge Power (%)	20	20	20	20
Charger Voltage Tolerance (%)	-	1%	1%	1%
Management & Communications				
LCD Panel	-	Yes	Yes	Yes
Serial Port	-	RS232 x 1 + RS485 x 1 + Dry Contact x1	RS232 x 1 + RS485 x 1 + Dry Contact x1	RS232 x 1 + RS485 x 1 + Dry Contact x1
Dry Contact (with Relay)	-	Yes	Yes	Yes
Emergency Power Off (EPO) Port	-	Yes	Yes	Yes
Power Management Software	-	PowerPanel® Business	PowerPanel® Business	PowerPanel® Business
SNMP/HTTP Remote Monitoring	-	Yes - with optional RMCARD205	Yes - with optional RMCARD205	Yes - with optional RMCARD205
Physical				
Ingress Protection	-	IP20	IP20	IP20
Physical Size				
Dimensions (WxHxD) (mm.)	460 x 134 x 790	600 x 1600 x 1100	600 x 2000 x 1100	2000 x 2000 x 1050
Weight (kg.)	34	165	220	660
Environmental				
Operating Temperature (°C)	0 - 40	0 - 40	0 - 40	0 - 40
Operating Relative Humidity (Non-condensing) (%)	0 - 95	0 - 95	0 - 95	0 - 95
Certifications				
Certifications*	CE, IEC62040-1, IEC62040-2	CE, IEC62040-1, IEC62040-2	CE, IEC62040-1, IEC62040-2	CE, IEC62040-1, IEC62040-2

*Certifications may vary according to different regions. Visit www.cyberpower.com for more information.
#All specifications are subject to change without notice.