



The Megapower modular online UPS series, featured with DSP control, decentralized parallel structure, Modular N+X Parallel Redundancy, touch-screen LCD display, Hot swappable, programmable battery voltage, 3-level intelligent charge modes with settable charge current, Megatec/Modbus protocol, is an ideal solution to your PC, workstation, server, bank, industrial equipment, Internet data center, telecom, IT equipments and other mission-critical application, which is demanding for a thorough protection.

### Features

- Decentralized Parallel Structure with Hot-swappable feature
- Modular N+X Parallel Redundancy
- DSP-controlled Technology
- Unity Input Power Factor with Low Input Current Distortion & High Efficiency
- Parallel up to Four Frames
- Fit into standard 19" Rack Cabinet
- Touch-screen LCD display for user's friendly operation
- High Power Density up to 520KVA per rack for space saving
- Invest as You Grow
- Compact in size, only 3U height
- Superior MTBF and MTTR
- Emergency Power Off device can be operated on site or remotely
- Common Battery
- Programmable Battery Voltage
- 3-level Intelligent Charge Modes with smart charge current adjustment
- Megatec/Mod Bus protocol supported
- Powerful charger built in Modular and UPS frame
- Versatile communication interfaces provided for different applications
- Matching battery modular also available

# Megapower Decentralized Parallel Modular UPS Series

HPM3300-320K | HPM3300-520K

Megapower Decentralized Parallel Modular UPS HPM3300 Series

Model		HPM3300-320K	HPM3300-520K	
Capacity (VA/W)	UPS Cabinet	320KVA / 288KW	520KVA / 468KW	
	HPM Module	40KVA / 36KW		
Input	Phase	3 Phase 4 Wires and Ground		
	Rated Voltage	380/400/415Vac		
	Voltage Range	208~478Vac		
	Frequency Range	40Hz-70Hz		
	Power Factor	≥0.99		
	Current THDi	≤2%(100% nonlinear load)		
	Bypass Voltage Range	220V: +25%(optional +10%、+15%、+20%) 230V: +20%(optional +10%、+15%) 240V: +15%(optional +10%) Min. voltage: -45% (optional -20%、-30%) Frequency protection range: ±10%		
	Generator Input	Support		
Output	Phase	3 Phase 4 Wires and Ground		
	Rated Voltage	380/400/415Vac		
	Power Factor	0.9		
	Voltage Regulation	±1%		
	Frequency	Utility Mode	±1%、±2%、±4%、±5%、±10% of the rated frequency(optional)	
		Battery Mode	(50/60±0.1%)Hz	
	Crest Factor	3:1		
	THD	≤2% with linear load ≤5% with non linear load		
Waveform	Pure Sinewave			
Efficiency	≥ 95% at normal mode			
Battery	Voltage	±192V±204V±216V±228V±240V DC; battery quantity(optional)		
	Charging Current	UPS Cabinet	80A Max. (charge current can be set according to battery capacity installed)	
		HPM Module	10A Max. (charge current can be set according to battery capacity installed)	
Transfer Time	Utility to Battery : 0ms; Utility to bypass: 0ms			
Protection	Overload	AC Mode	Load≤110%: last 60min、≤125%: last 10min、≤150%: last 1min、≥150% immediately transfer to bypass	
		Bat. Mode	Load≤110%: last 10min、≤125%: last 1min、≤150%: last 1S、≥150% shut down UPS immediately	
		Bypass Mode	Breaker 500A	
	Short Circuit	Hold Whole System		
	Overheat	Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately		
	Battery Low	Alarm and Switch off		
	Self-diagnostics	Upon Power On and Software Control		
	EPO(optional)	Shut down UPS immediately		
Battery	Advanced Battery Management			
Noise Suppression	Complies with EN62040-2			
Alarms	Audible & Visual	Line Failure, Battery Low, Overload, System Fault		
Display	Status LED & LCD	Line Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault		
	Reading On the LCD	Input,Output, Battery,Command,Setting,Maintenace		
Communication Interface	UPS Cabinet	RS232, RS485, Parallel, Intelligent slot, Relay card(optional), SNMP card(optional),Battery temperature sensor(optional)		
Environment	Operating Temperature	0℃~40℃		
	Storage Temperature	-25℃~55℃		
	Humidity	0~95% non condensing		
	Altitude	< 1500m		
	Noise	<76dB(at 1 meter)		
Safety Conformance	CE,IEC/EN62040-1,IEC/EN60950-1			

HPM 3/3 Module			
Model	Description	Dimension(WxHxD)	Net Weight(Kg)
HPM3340-RM	40KVA 3/3 Module	443x131x580mm 3U	38.0

HPM UPS Cabinet			
Model	Description	Dimension(WxHxD)mm	Net Weight(Kg)
HPM3300-320K	320KVA UPS Cabinet	600x2000x860	380kgs
HPM3300-520K	520KVA UPS Cabinet	1200x2000x860	560kgs

Specifications subject to change without prior notice.



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