



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, 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 or 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
- Fit into standard 19" Rack Frame
- Touch-screen LCD display for user's friendly operation
- High Power Density up to 120KVA 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
- 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

HPM3300A-60K | HPM3300A-120K

## Megapower Decentralized Parallel Modular UPS HPM3300A Series

### 3 Phase / 208Vac System

Model		HPM3300A-60K	HPM3300A-120K	
Capacity (VA/W)	UPS Frame	15~60KVA/13.5~54KW	15~120KVA/13.5~108KW	
	HPM Module	15KVA/13.5KW		
Input	Phase	3 Phase 4 Wires and Ground		
	Rated Voltage	120/208, 127/220Vac, 60Hz		
	Frequency Range	40-70Hz		
	Power Factor	≥0.99		
	Current THDi	≤3%(100% nonlinear load)		
	Generator Input	Support		
Output	Phase	3 Phase 4 Wires and Ground		
	Rated Voltage	120/208, 127/220Vac, 60Hz		
	Power Factor	0.9		
	Voltage Regulation	±2%		
	Frequency	Utility Mode	Rated frequency ± 2Hz (selectable ± 0.5 to ± 3Hz)	
		Battery Mode	60Hz ± 0.25%	
	Crest Factor	3:1		
	THD	≤2% with linear load ≤5% with non linear load		
Waveform	Pure Sinewave			
Efficiency	Up to 94%			
Battery	Voltage	Nominal: ±144VDC (VRLA Float charge is ±162V) 24 jars of 12V VRLA ±144VDC = [24 x 6 cell (12V) blocks], nominal		
	Charging Current	UPS Frame	30A Max. (charge current can be set according to battery capacity installed)	
		HPM Module	6A Max. (charge current can be set according to battery capacity installed)	
Transfer Time	Utility to Battery : 0ms; Utility to bypass: 0ms			
	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, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault		
	Reading On the LCD	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage & Inner Temperature		
Communication Interface	UPS Frame	RS232, RS485, Parallel, Intelligent slot, Relay card(optional), SNMP card(optional), Battery temperature sensor(optional)		
Environment	Operating Temperature	0°C ~ 40°C		
	Storage Temperature	-25°C ~ 70°C		
	Humidity	0 ~ 95% non condensing		
	Altitude	< 1500m		
	Noise	<55dB(at 1 meter)	<65dB(at 1 meter)	

HPM 3/3 Module			
Model	Description	Dimension(WxHxD)	Net Weight(Kg)
HPM3315A-RM	15KVA 3/3 Module	443x131x580mm 3U	32.0

HPM UPS Frame				
Model	Description	Application	Dimension(WxHxD)mm	Net Weight
HPM3300A-60K	15/30/45/60KVA UPS Frame	for max. 5 x 10KVA Modules	600x1400x840	170kgs
HPM3300A-120K	15/30/45/60/75/90/105/120KVA UPS Frame	for max. 10 x 10KVA Modules	600x2000x1100	270kgs

Specifications subject to change without prior notice.



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