

Megapower Decentralized Parallel Modular UPS HPM3300 Series

Model		HPM3320-100K	HPM3320-200K	HPM3325-250K	HPM3330-300K	
Capacity (VA/W)	UPS Frame	10~100KVA/9~90KW	10~200KVA/9~180KW	25~250KVA/22.5~225KW	30~300KVA/27~270KW	
	HPM Module	10KVA/9KW, 15KVA/13.5KW	20KVA/18KW	25KVA/22.5KW	30KVA/27KW	
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	≤3%(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				
	Phase	3 Phase 4 Wires and Ground				
	Rated Voltage	380/400/415Vac				
Output	Power Factor	0.9				
	Voltage Regulation	±2%				
	Frequency	Utility Mode	±1%、±2%、±4%、±5%、±10% of the rated frequency(optional)			
		Battery Mode	(50/60±0.2%)Hz			
	Crest Factor	3:1				
	THD	≤2% with linear load				
		≤5% with non linear load				
	Waveform	Pure Sinewave				
	Efficiency	≥93.7% at normal mode (95% optional)				
	Battery	Voltage	±192V±204V±216V±228V±240V DC; battery quantity(optional)			
Charging Current		UPS Frame	30A Max. (charge current can be set according to battery capacity installed)	60A Max. (charge current can be set according to battery capacity installed)	60A Max. (charge current can be set according to battery capacity installed)	100A 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)			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 (10KVA:20A / 15KVA:32A / 20KVA:40A / 25KVA:40A / 30KVA:63A)			
	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, Intelligent slot x 2, Dry Contact				
Environment	Operating Temperature	0℃~40℃				
	Storage Temperature	-25℃~55℃				
	Humidity	0~95% non condensing				
	Altitude	< 1500m				
	Noise	<60dB(at 1 meter)				
Safety Conformance	CE,EN/IEC 62040-2,EN/IEC 62040-1-1					

HPM 3/3 Module			
Model	Description	Dimension(WxHxD)	Net Weight(Kg)
HPM3310-RM	10KVA 3/3 Module	443x131x580mm 3U	26.0
HPM3315-RM	15KVA 3/3 Module	443x131x580mm 3U	30.0
HPM3320-RM	20KVA 3/3 Module	443x131x580mm 3U	31.0
HPM3325-RM	25KVA 3/3 Module	443x131x580mm 3U	32.0
HPM3330-RM	30KVA 3/3 Module	443x131x580mm 3U	32.0

HPM UPS Frame				
Model	Description	Application	Dimension(WxHxD)mm	Net Weight(Kg)
HPM3320-100K	50/75/100KVA UPS Frame	for max. 5 x 10/15/20KVA Modules	600x1400x840	170kgs
HPM3320-200K	100/150/200KVA UPS Frame	for max. 10 x 10/15/20KVA Modules	600x2000x1100	230kgs
HPM3325-250K	250KVA UPS Frame	for max. 10 x 25KVA Modules	600x2000x1100	275kgs
HPM3330-300K	300KVA UPS Frame	for max. 10 x 25/30KVA Modules	600x2000x1100	280kgs

Specifications subject to change without prior notice.

