



HPM Series

La Serie de UPS HPM3300 es una solución Online Doble conversión en formato Modular. Cuenta con Redundancia Paralela N+X y Pantalla LCD.

Pensada para trabajar en soluciones de servidores, Bancos, equipos industriales, Centro de Datos, Telecomunicaciones, equipos informáticos y otras aplicaciones de misión crítica que exigen una protección exhaustiva.

Características principales

- ✓ Tecnología On-Line doble conversión con Control de microprocesador totalmente Digitalizado (DSP).
- ✓ Redundancia Paralela.
- ✓ Protección contra sobrecargas y cortocircuitos.
- ✓ Display LCD.
- ✓ Puerto RS232 para Monitoreo por Software.

HPM Series Technical Specifications

MODEL		HPM1106-30KVA	HPM1110-50KVA	HPM3106-30KVA	HPM3110-50KVA	HPM3110-100KVA	HPM3320-60KVA	HPM3320-100KVA	HPM3320-200KVA	
Capacity (VA/watts)	UPS cabinet HPM module	6-30k / 4.8-24k	6-50k / 4.8-40k	6-30k / 4.8-24k	6-50k / 4.8-40k	6-100k / 4.8-80k	10-60k / 9-54k	10-100k / 9-90k	10-200k / 9-180k	
INPUT										
Nominal voltage		220/230Vac		380/400Vac (3Ph+N+PE)or 220/230Vac			380/400/415Vac, (3Ph+N+PE)			
Operating voltage range		120-276Vac		208-478Vac or 120-276Vac			208-478Vac			
Operating frequency range		40-70Hz								
Power factor		≥0.99								
Harmonic distortion (THDi)		5%(100% non-linear load)					2%(100% nonlinear load)			
Generator input		Support								
OUTPUT										
Output voltage		220/230Vac					380/400/415Vac, (3Ph+N+PE)			
Voltage regulation		±1%								
Power factor		0.8					0.9/1 (Customized)			
Output frequency		1.Line Mode: ±1%、±2%、±4%、±5%、±10% of the rated frequency (optional) 2.Battery Mode: (50/60±0.1%)Hz								
Crest factor		3:1								
Harmonic distortion (THDv)		≤2% with linear load ≤5% with non linear load								
Efficiency		93.5%					95.5%			
BATTERY										
Battery voltage		±96\±108\±120Vdc; battery quantity(optional)					±192\±204\±216\±228\±240Vdc; battery quantity(optional)			
Charge Current	UPS cabinet HPM module	30A (Max.)	60A (Max.)	30A (Max.)		60A (Max.)	18A (Max.)	30A (Max.)	60A (Max.)	
Backup time		6A (Max.) (charge current can be set according to battery capacity installed)								
SYSTEM FEATURES		Depends on the capacity of external batteries								
Transfer time		Utility to Battery : 0ms; Utility to bypass: 0ms								
Overload	Line Mode	Load≤110%: last 60min,≤125%: last 10min,≤150%: last 1min,≥150% turn to bypass mode immediately								
Communication interface		1. LCD touch scree on UPS cabinet, LCD display on module, LED indication 2. UPS cabinet : RS232, RS485, Dry Contact, Intelligent slot x 2(SNMP card,Relay card optional) 3. HPM series UPS module: RS232								
ENVIRONMENTAL										
Operating temperature		0~40℃								
Storage temperature		-25~55℃								
Humidity range		0~95% (non condensing)								
Altitude		<1500m								
Noise level		<55dB				<65dB				
PHYSICAL										
Dimension	UPS cabinet HPM module	840×600×1400	840×600×2000	840×600×1400		840×600×2000	840×600×1400		1100×600×2000	
D×W×H (mm)		443x580x131 (3U)								
MODEL		HPM3325-250KVA	HPM3330-90KVA	HPM3330-150KVA	HPM3330-300KVA	HPM3340-400KVA	HPM3340-520KVA	HPM3340-800KVA	HPM3340-1040KVA	HPM3340-1560KVA
Capacity (VA/watts)	UPS cabinet HPM module	250k / 225k	90k / 81k	150k / 135k	300k / 270k	400k / 360k	520k / 468k	800k / 720k	1040k / 936k	1560k / 1404k
INPUT										
Nominal voltage		380/400/415Vac, (3Ph+N+PE)								
Operating voltage range		208-478Vac								
Operating frequency range		40-70Hz								
Power factor		≥0.99								
Harmonic distortion (THDi)		3%(100% nonlinear load)								
Generator input		Support								
OUTPUT										
Output voltage		380/400/415Vac, (3Ph+N+PE)								
Voltage regulation		±1%								
Power factor		0.9								
Output frequency		1.Line Mode: ±1%、±2%、±4%、±5%、±10% of the rated frequency (optional) 2.Battery Mode: (50/60±0.1%)Hz								
Crest factor		3:1								
Harmonic distortion (THDv)		≤2% with linear load ≤5% with non linear load								
Efficiency		95.0%								
BATTERY										
Battery voltage		±192\±204\±216\±228\±240Vdc; battery quantity(optional)								
Charge Current	UPS cabinet HPM module	60A (Max.)	30A(Max.)	50A(Max.)	100A(Max.)		130A (Max.)	200A (Max.)	260A (Max.)	390A (Max.)
SYSTEM FEATURES		6A (Max.) 25kVA:6A (Max.) / 30kVA:10A (Max.) 10A (Max.)								
Transfer time		Utility to Battery : 0ms; Utility to bypass: 0ms								
Overload		Load≤110%: last 60min,≤125%: last 10min,≤150%: last 1min,≥150% turn to bypass mode immediately								
Short circuit		Hold whole system								
Nose suppression		Complies with EN62040-2								
Communication interface		1. LCD touch scree on UPS cabinet, LCD display on module, LED indication 2. UPS cabinet : RS232, RS485, Dry Contact, Intelligent slot x 2(SNMP card,Relay card optional) 3. HPM series UPS module: RS232								
ENVIRONMENTAL										
Operating temperature		0~40℃								
Storage temperature		-25~55℃								
Humidity range		0~95% (non condensing)								
Altitude		<1500m								
Noise level		<70dB				<73dB				
PHYSICAL										
Dimension	UPS cabinet HPM module	600×1100×2000	600×840×1400		600×1100×2000	1200×860×2000		1800×860×2000	3000×860×2000	4800×1100×2000
D×W×H (mm)		443x580x131 (3U)								

Specifications are subject to change without prior notice.