

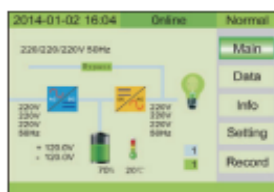


# UPS TRI RT 2

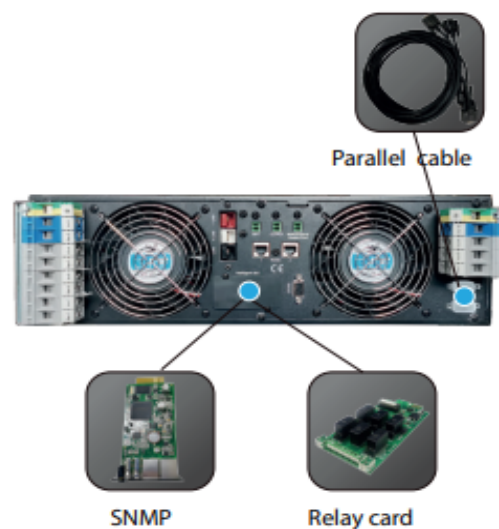


## EFICIENTE Y VERSÁTIL

- UPS Online Factor de potencia 1.0
- Formato Rack / Torre
- Disponible en 10 y 20KVA
- Soporta operación Trifásica 3:3, Trimono 3:1 y Monofásico 1:1
- Compatible con Generadores
- Incluye Tarjeta SNMP
- Pantalla full color
- Cargador de hasta 20 A



TFT  
COLOURFUL LCD



\*Incluye SNMP, Tarjeta de Contacto seco Opcional

MODEL	HPM3310-RT	HPM3320-RT
Capacity	10kVA / 10kW	20kVA / 20kW
<b>INPUT</b>		
Nominal voltage	380/400/415Vac (3Ph+N+PE) 220/230/240Vac (L+N+PE)	
Operating voltage range	208–478Vac	
Operating frequency range	40–70Hz (50/60Hz Auto-Sensing)	
Power factor	≥0.99	
Bypass voltage range	Max.voltage:220V:+25% (Optional+10%,+15%,+20%) 230V:+20% (Optional+10%,+15%) 240V:+15% (Optional+10%) Min.voltage:-45% (Optional-20%,-30%)	
Frequency protection range	50/60Hz±10%	
Harmonic distortion (THDi)	≤3% Linear load	
<b>OUTPUT</b>		
Output voltage	380/400/415Vac (3Ph+N+PE) 220/230/240Vac (L+N+PE)	
Voltage regulation	±1%	
Power factor	1.0	
Output frequency	Line Mode	±1%/±2%/±4%/±5%/±10% of the rated frequency (Optional)
	Bat. Mode	(50/60±0.1%)Hz
Transfer time	AC mode to Bat.Mode	0ms
	Inverter to Bypass	0ms
Output waveform	Pure Sinewave	
Crest factor	3:1	
Harmonic distortion (THDv)	≤2% Linear load ≤5% Non linear load	
Overload	Line Mode	Load≤110%: last 60min; ≤125%: last 10min; ≤150%: last 1min; ≥150% turn to bypass mode immediately
	Bat. Mode	Load≤110%: last 10min; ≤125%: last 1min; ≤150%: last 5s; ≥150% shut down UPS immediately
	Bypass Mode	Breaker ( Load < 125%, long-term operation)
<b>EFFICIENCY</b>		
Efficiency	up to 94.5%	up to 95%
<b>BATTERY</b>		
Battery voltage	±180/192/204/216/228/240/252/264/276/288/300Vdc (30/32/34/36/38/40/42/44/46/48/50pcs optional)	
Charge Current (charge current can be set according to battery capacity installed)	18A Max.	20A Max.
<b>PHYSICAL</b>		
Dimension WxDxH (mm)	443 x 580 x 131(3U)	
Net weight (kg)	29	32
<b>ENVIRONMENTAL</b>		
Operating temperature	0°C~40°C	
Storage temperature	-25°C~55°C	
Humidity range	0~95% (Non-condensing)	
Altitude	<1500m,derating required when>1500m	
Noise level	<55dB	<58dB
<b>STANDARDS</b>		
Safety	IEC/EN62040-1,IEC/EN62477-1	
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8	

Specifications are subject to change without prior notice.

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## BR 10-20KVA BATTERY PACK SPECIFICATION

MODEL	HPM33 BR40240N
<b>BATTERY SYSTEM</b>	
Battery type	VRLA (Lead acid maintenance free battery)
Typical battery recharging time	6–8 hours (to 90% of full capacity)
Typical battery life	3–5 years, depend on discharging cycle and ambient temperature
System voltage	±240Vdc
Battery quantity	1* ±20 PCS
Capacity	7Ah/9Ah (12V)
<b>PHYSICAL</b>	
Dimension W x D x H (mm)	443 x 861.5 x 175 (4U)
Net weight (kg)	114/123
<b>ENVIRONMENT</b>	
Safety	CE
Operating environment	0°C–40°C
Relative humidity	0–95% (Non condensing)
Noise level	<40dB at 1 Meter

Specifications are subject to change without prior notice.

Remark: HPM33 BR40240N "HPM" means series; "BR": means Battery Rack; "40" means battery number inside the Rack; "240" means the battery system voltage; "N" means battery with neutral connection.