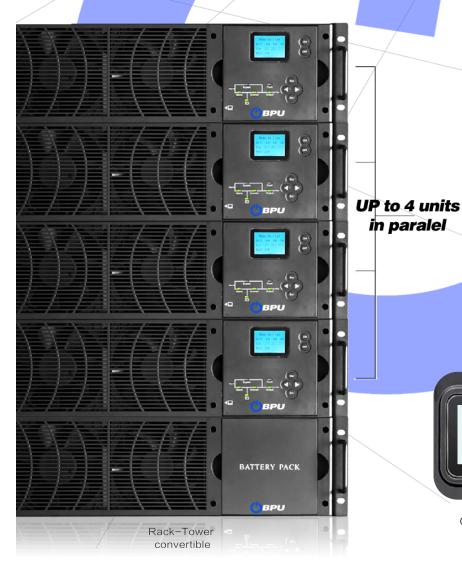


Two directions LCD display



Features

- Online-Double conversion
- Output transfer time is 0ms
- PFC technology
- Full digital control (DSP)
- Output power factor: 0.9
- Input current harmonic: <5%
- ECO function
- Charging/Rectifier/Inverter fully digital control technology
- Optimization battery group, the quantity of battery: 16/18/20 pieces (optional)
- Wide input voltage range: 208~478Vac or 120~276Vac
- Wide input frequency range: 45-55Hz/54-66Hz
- Self-testing when UPS startup
- Input over/under-voltage protection
- Automatic bypass
- DC start

in paralel

- Comunication port: USB , RS232
- Options: SNMP card/Relay card



Control Panel



Multifunctional bracket

ONLINE series 6000 - 10000 VA PF - 0.9 PHASE 1/1 BPU SUPPORTED BY KSTAR

Tec	hnical	Spec	ificati	ons:

MODEL		MP RT 6kVA	MP RT 10kVA			
Capacity (VA/Watts)		6k / 5.4k	10k / 9k			
INPUT	,	ı				
Nominal volta	age	380/400/415Vac(3Ph+N+PE) or 220/230/240Vac(L+N+PE)				
Operating vo		208~478Vac or 120Vac~276Vac				
Operating frequency range		50Hz:45~55Hz;60Hz:54~66Hz(auto sensing)				
Power factor		≥0.99				
1 01/01 1000		Max. voltage: 220V: +25%(optional +10%,+15%,+20%)				
		230V: +20% (optional +10%,+15%)				
Bypass voltage range		240V: +15% (optional +10%)				
		Min. voltage: -45% (optional -20%,-30%)				
Bypass frequency range		Frequency protection range: ± 10%				
ECO range		Same as bypass				
Harmonic distortion (THDi)			≤5%(100% linear load)			
Generator input		Support				
OUTPUT						
Output voltage		220/230/240Vac				
Power factor		0.9				
Voltage regulation		± 1%				
	Line Mode		% of the rated frequency(optional)			
Frequency	Bat. Mode		± 0.1)Hz			
Crest factor		3:1				
-	(T):5 \	≤2% with linear load				
Harmonic dis	tortion (THDv)	≤5% with non-linear load				
Efficiency		>93	>93.5%			
BATTERY						
Battery voltage	ge	±96/108/120Vdc (optional)				
Deelwa tiese		Long run unit depends on the capacity of external batteries				
Backup time		Estimated remaining time displayed on the LCD				
Typical recharge time		6~8 hours (to 90% of full capacity)				
Charge curre	ent	Maximum Current 10A; charge current can be set according to battery capacity installed.				
SYSTEM FE	EATURES					
Transfer time		Mains to Battery:0ms; Mains to Bypass:0ms				
Overload	Line Mode	Load≤110%:60min; ≤125%:last 10min; ≤	150%:last 1min;>150% turn to bypass mode			
Ovendad	Bypass Mode	40A(Input breaker)	60A(Input breaker)			
Short Circuit		Hold Who	Hold Whole System			
Overheat		Line Mode: Turn to Bypass; Backup Mode: Shut down UPS immediately				
Low battery voltage		Alarm and Switch off				
Self-diagnostics		Upon Power On an	d Software Control			
Battery		Advanced Battery Management				
Audible & Visual alarms		Line Failure, Battery Low, Overload, System Fault				
Status LED & LCD display		Line Mode, Bat. Mode, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault				
Reading on the LCD display		Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage,				
		Inner Temperature & Remaining Battery Backup Time				
Comunication interface		RS232,USB,SNMP card(optional), Relay card (optional)				
ENVIRONMENTAL						
Operating temperature		0℃~40℃				
Storage temp		−25°C ~55°C				
Humidity range		0~95% (non-condensing)				
Altitude		< 1500m				
Noise level		<55dB				
PHYSICAL						
Dimension D × W × H (mm)			× 131(3U)			
Net weight (kg)		23	25			
STANDARDS						
Safety		IEC/EN62040-1,IEC/EN60950-1				
EMC		IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8				
BATTERY BANK		12001000 7 0,12001000 4 0,12001000 4 0				
Model		MEMO -	BR Series			
Battery type& Max.quantity		7Ah×20	9Ah×20			
PHYSICAL OF BATTERY BANK			2			
Dimensions D × W × H (mm)		720 × 443	× 131(3U)			
Net weight (kg)		30 (3:1) / 19 (1:1)	31 (3:1) / 20 (1:1)			
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