

AR-MP6KS 6kVA/6kW (1:1 Phase) PF 1.0 (kVA = kW)



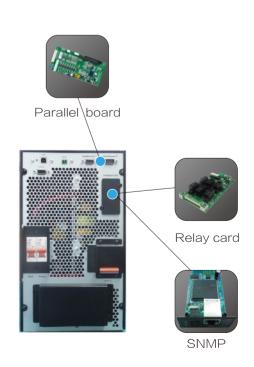


AR-MP6KS PF 1.0 (6kVA/6kW)



Features

- N+X parallel redundancy, support maximum 4 units in parallel
- Online double conversion with full digital control
- Optimization battery group, the quantity of battery: $\pm 8/ \pm 9/ \pm 10$ pcs (Settable)
- Wide input voltage range:110~286Vac
- Wide input frequency range
- Selectable output voltage: 208/220/230/240Vac
- Generator compatible
- ECO mode operation for energy saving
- Self-testing when UPS startup
- Multiple communication interface:RS232/USB/EPO(Dry contact /SNMP card optional)
- · Maximum charging current up to 10A
- Cold start
- Design with maintenance switch (Optional)
- Multiple protection function:short-circuit,overload,overheat, battery overcharge and overdischarge,output low voltage and fan fault alarm



Technical Specifications:

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Name	MODEL		AR-MP6KS
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Provision Province Provinc			000/000/000/00
Proper Frequency App-Pixt Control Section S			
Power fector		_	
Bypass voltage range			
Suppass voltage angle 2301/1-120% (optional+10%) 2305/2-120% (optional+10%) 2305/2-120% (optional+10%) 2305/2-120% (optional+10%) 2305/2-120%	Power factor		≥0.99
Output voltage 208220/230/240Vac Power factor 1.0 Voltage regulation ± 1% Output frequency Line Mode ± 1%/± 2%±/± 4%/± 5%/± 10% of the rated frequency (Optional) Crest factor 3:1 Harmonic distortion (THDv) < 2% Linear load	Bypass voltage range		230V:+20% (Optional+10%,15%,20%) 240V:+15% (Optional+10%)
Power factor Voltage regulation Voltage regulation State St	OUTPUT		
Votage regulation ± 1% Output Line Mode ± 13% ± 2% ± /± 4% ± 5%/± 10% of the rated frequency (Optional) frequency Bat. Mode ± 13% ± 2% ± /± 4% ± 5%/± 10% of the rated frequency (Optional) frequency Bat. Mode 3:1 Harmonic district Crost factor 3:1 Framefier Irre AC mode to Bat.Mode Inventor to Bypass Oms Output wave**/	Output voltage		208/220/230/240Vac
Voltage regulation			1.0
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Tendune Frequency Batt. Mode \$ (50/60 ± 0.1%) Hz			$\pm 1\%/\pm 2\% \pm 1 \pm 4\%/\pm 5\%/\pm 10\%$ of the rated frequency (Optional)
Crest factor 3:1 Harmonic distortion (THDv) <2% Linear load			
Harmonic distribution (THDv) \$ 2% Linear load \$ 5% Non linear load \$ 5%		Bat. Wode	
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Output waveformal bound of the procession	Transfer time		
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ALARM Battery mode Beeping every 4 seconds Battery low Beeping every second Overload Beeping twice every second Fault Continously beeping PHYSICAL Dimension W × D × H (mm) Net weight (kg) ENVIRONMENT Operating temperature Overating temperature Storage temperature -25° ~55°C Humidity range ALARM ALARM Beeping every 4 seconds Beeping every second Continously beeping PHYSICAL Overating temperature 0°C ~40°C Storage temperature -25° ~55°C Humidity range Altitude Altitude 			

MP BT 6-10kVA Pro battery pack specification

MODEL	MP BT40120N		
BATTERY SYSTEM			
Battery tpye	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 discharing cycle and ambient temperature		
System voltage	± 120Vdc		
Battery quantity	2* ±10 PCS		
Capacity	7Ah/9Ah (12V)		
PHYSICAL			
Dimension W x D x H (mm)	250 × 597 × 616		
Net weight (kg)	122/134		
ENVIRONMENT			
Safety	CE		
Operating environment	0℃~40℃		
Relative humidity	0~95% (Non condensing)		
Noise level	<40dB at 1 Meter		

Specifications are subject to change without prior notice. When output voltage is 208Vac, need to derate to 80% of the unit capacity. Remark: MP BT40120N "MP" means series; "BT": means Battery Tower cabinet; "40" means battery number inside the cabinet; "120" means the battery system voltage; "N" means battery with neutral connection.