



Why come to us for a solution?

Quality products
Wide range of products
Nationwide backup
Locally produced UPS's
Competitively priced
Unique design
Good value for money
24 hours after sales services

MP-SERIES

ON-LINE UPS 6KVA - 10KVA

Sleek in design, these true on-line UPS's provide the best protection for your expensive server room equipment. The double conversion technology makes this unit an excellent stabilizer for power. Pure sine wave is always provided, whether on the mains or battery. Designed for the server room environment, you will have to look far to find a better unit.

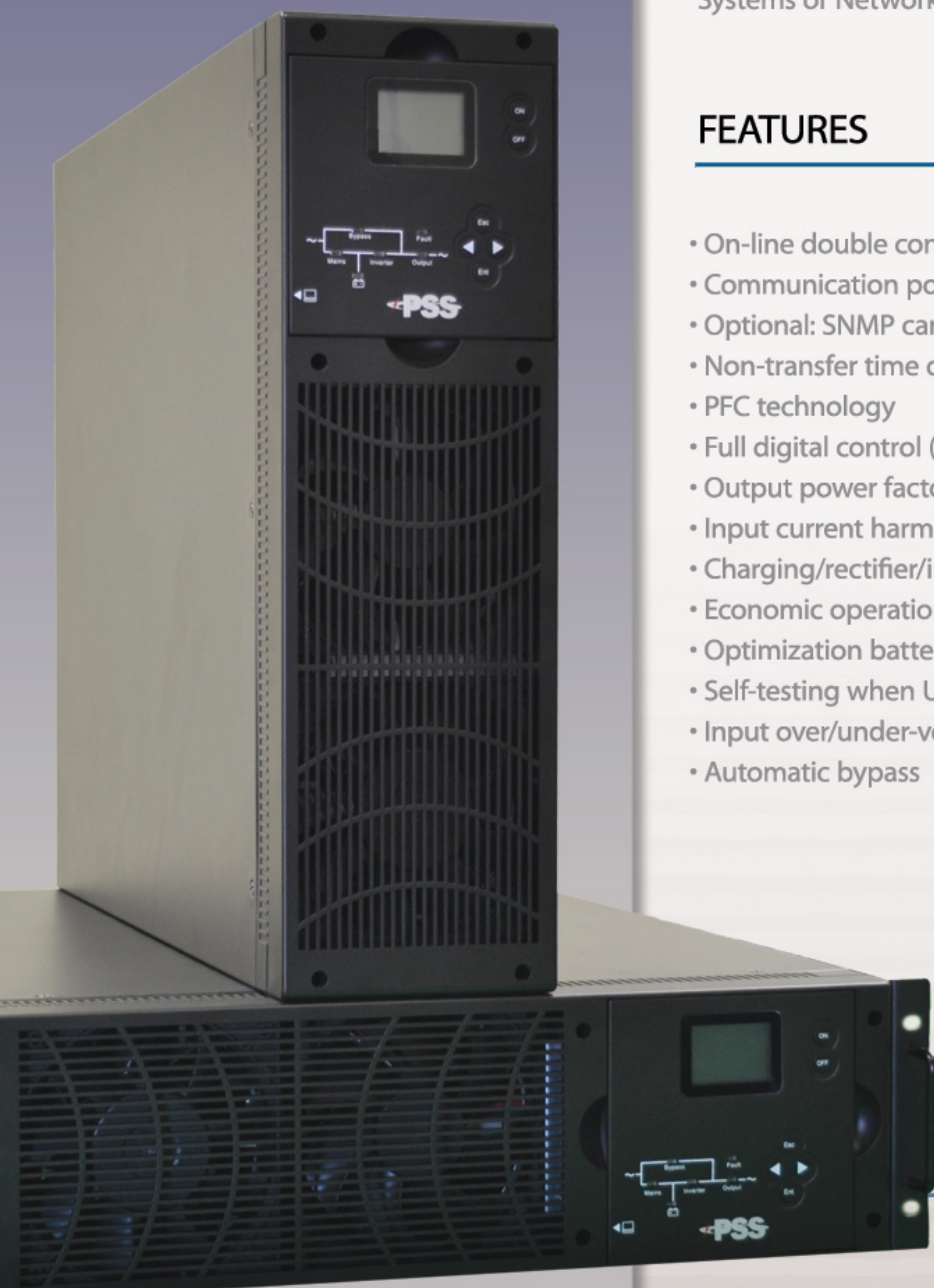


APPLICATION

PC's, Workstations, Servers, Banks, Industry and IT Equipment, Communication Systems or Networking Equipment

FEATURES

- On-line double conversion
- Communication port: USB, dry contact, RS485
- Optional: SNMP card/centralized monitoring card/parallel port module
- Non-transfer time of output
- PFC technology
- Full digital control (DSP)
- Output power factor: 0.9
- Input current harmonic: 5%
- Charging/rectifier/inverter fully digital control technology
- Economic operation mode (ECO)
- Optimization battery group: 16/18/20 pieces (optional)
- Self-testing when UPS start-up
- Input over/under-voltage protection
- Automatic bypass



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MODEL	MP960RT	MP9100RT
CAPACITY	6000VA / 5400W	10000VA / 9000W
INPUT		
PHASE	Single phase + Ground	
RATED VOLTAGE	230VAC	
VOLTAGE RANGE	120VAC-276VAC	
FREQUENCY	40-70Hz	
POWER FACTOR	≥0.99	
BYPASS RANGE	max. voltage: + 15% (optional +5%, +10%, +25%) min. voltage: -45% (optional -20%, -30%) frequency protection range: ±10%	
Current Harmonic	≤5% (100% non linear load	
OUTPUT		
PHASE	Single phase & Ground	
RATED VOLTAGE	230VAC ± 2%	
FREQUENCY	50Hz ±0.2Hz	
WAVEFORM	pure sine wave	
POWER FACTOR	0.9	
THD	≤2% with linear load ≤5% with non linear load	
OVERLOAD - AC Mode	Load ≤110% : 3min ; ≤125% - 30sec ; ≤150% - 1s ; >150% - shutdown immediately	
OVERLOAD - DC Mode	Load ≤110% : 30sec ; ≤125% - 1sec ; ≤150% - 200ms ; >150% - shutdown immediately	
CREST FACTOR	3 : 1	
TRANSFER TIME	utility to battery: 0ms utility to bypass: 0ms (following)	
EFFICIENCY ECO / NORMAL MODE	≥97% / ≥90%	
COMMUNICATION INTERFACE		
	USB, SNMP, Dry Contact, RS232	
BATTERY		
TYPE	12V sealed lead acid or semi-sealed lead acid, maintenance free	
DC VOLTAGE	±96VDC / ±108VDC / ±120VDC	
BACKUP TIME	Depends on the capacity of external batteries	
CHARGE CURRENT	Maximum 6A	
LCD INDICATION		
AC MODE	input voltage / output voltage / temperature / load / battery capacity / fault	
ENVIRONMENT		
TEMPERATURE	0 - 40 °C	
HUMIDITY	0 - 95% (non-condensing)	
ALTITUDE	<1500m	
STORAGE TEMPERATURE	-25 - 55 °C	
GENERAL		
NET/GROSS WEIGHT (Kg)	24 / 28	26 / 30
DIMENSION (WxDxH) mm	443 x 580 x 131(3U)	
PACKING (WxDxH) mm	575 x 710 x 231	
STANDARD		
INDUSTRY STANDARD	CE, EN / IEC 62040-2, EN / IEC 62040-1-1	

Notes:



In the interests of continuous product improvement, all specifications are subject to change without notice.