



# MP-SERIES

ON-LINE UPS 6KVA - 10KVA

## 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

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.

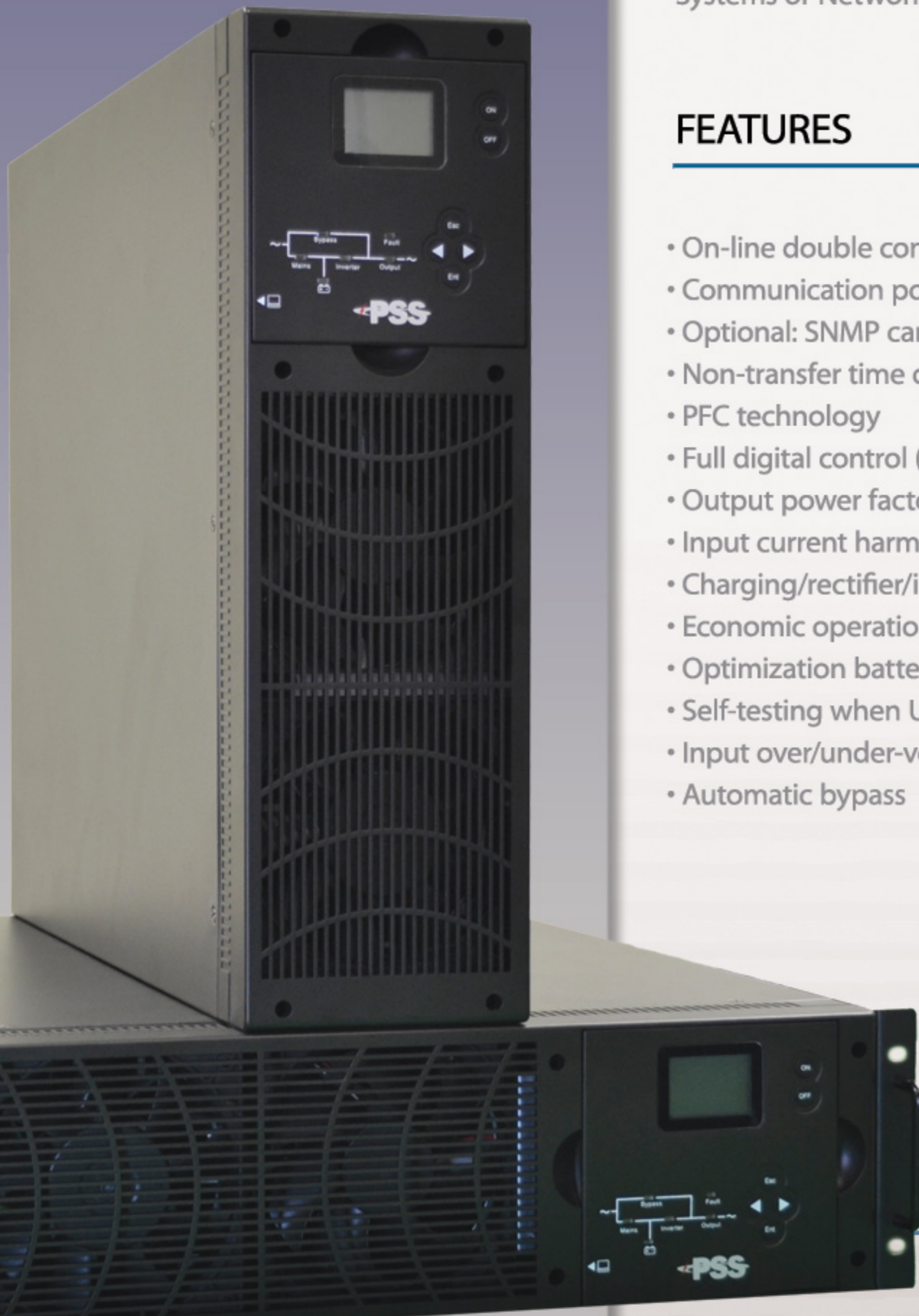


## APPLICATION

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

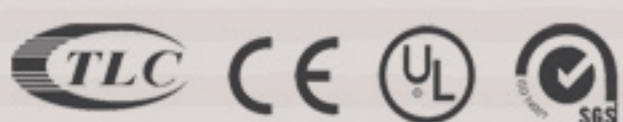


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MODEL	MP960RT	MP9100RT
<b>CAPACITY</b>	6000VA / 5400W	10000VA / 9000W
<b>INPUT</b>		
<b>PHASE</b>	Single phase + Ground	
<b>RATED VOLTAGE</b>	230VAC	
<b>VOLTAGE RANGE</b>	120VAC-276VAC	
<b>FREQUENCY</b>	40-70Hz	
<b>POWER FACTOR</b>	≥0.99	
<b>BYPASS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