

TPTM9 Tower Online UPS



- True Double-Conversion
- Power Factor 0,9
- Microprocessor control
- Input Power Factor Correction
- Wide Input Voltage Range
- GE compatible
- 3-stage charging design for optimized performance
- EPO function (Emergency Power Off)
- SNMP+USB+RS-232 multiple communication
- Multifunctional LCD
- **OPTIONAL** Maintenance Bypass Switch

MODEL		TPTM9 3/1 10k (L)	TPTM9 3/1 10k ISO (L)	TPTM9 3/1 15k (L)	TPTM9 3/1 20k (L)	TPTM9 3/1 20k ISO (L)	TPTM9 3/1 30k (L)
PHASE		3 phase in / 1 phase out					
CAPACITY	VA	10000	10000	15000	20000	20000	30000
	W	9000	9000	13500	18000	18000	27000
Input							
Nominal Voltage		3 x 400VAC (3φ+N)					
Voltage Range		305-478VAC (3φ) at 100% load 190-520VAC (3φ) at 50%load					
Frequency Range		46-54Hz or 56 -64Hz					
Power Factor		≥ 0.99 @ full load					
THDi		<6% @ 100% load					
Output							
Output Voltage		208/220/230/240 VAC	104/110/115/120 VAC 208/220/230/240 VAC	208/220/230/240VAC		104/110/115/120 VAC 208/220/230/240 VAC	208/220/230/240 VAC
AC Voltage Regulation (batt mode)		± 1%					
Frequency Range (Synchronized Range)		46-54Hz or 56-64Hz					
Frequency range (Batt mode)		50Hz ± 0.1 or 60Hz ± 0.1					
Crest Ratio		3:1					
THDu		≤ 2% linear load ≤5% nonlinear load	≤ 2% linear load ≤6% nonlinear load	≤ 2% linear load ≤5% nonlinear load		≤ 2% linear load ≤7% nonlinear load	≤ 2% linear load ≤5% nonlinear load
Transfer Time	MAIN to BAT	0ms					
	INV to BYP	0ms					
Waveform (Batt. Mode)		Pure Sinewave					
Efficiency							
AC Mode		89%	85%	89%		87%	89%
Battery Mode		86%	83%	88%	87%	83%	87%

Battery							
Standard Model	Battery Type	12V/9Ah					
	Quantity	18-20 pcs adjustable		18-20 pcs adjustable x2 strings		N/A	18-20 pcs adjustable x3 strings
	Recharge Time	9 hours recover to 90% capacity					9 hours recover to 90% capacity
	Charging Current (max)	1A		2A			2A
	Float Charging voltage	273VDC ± 1% (based on 20pcs batteries)					
Long-run Model	Battery type	Depending on applications					
	Quantity						
	Charging current (max)	4A	4A	8A	8A	8A	12A
	Charging Voltage	273VDC ± 1% (based on 20pcs batteries)					
Indicators							
LCD Display		UPS status, load level, battery level, input/output voltage, discharge timer and fault conditions					
Alarm							
Battery mode		Sounding every 4 seconds					
Low battery		Sounding every second					
Overload		Sounding twice every second					
Fault		Continuously sounding					
Physical							
Standard Model	Dimension DxWxH (mm)	592x250x576	592x250x826	815x250x826		N/A	815x300x1000
	Net Weight (kgs)	83	144	164	164		234
Long-run Model	Dimension DxWxH (mm)	592x250x576	592x250x826	592x250x576	592x250x576	815x250x826	815x250x826
	Net Weight (kgs)	28	91	40	40	141	64
Environment							
Humidity		0-95% RH @ 0-40°C (Non-condensing)					
Noise level		<58 dBA @ 1m		< 60 dBA @ 1m			
Management							
Smart RS232/USB		Support Windows, Linux and Mac os					
Optional SNMP		Power management from SNMP manager and web browser					

PowerMe reserves the right to modify technical specifications without prior notice.

PowerME recommends the use of energy-efficient and environmentally friendly solutions, when used correctly and in accordance with the specifications stated in the technical data sheets and user manuals. Warranty coverage is subject to proper usage as described in those documents.

PowerME also recommends compliance with all applicable regulations and safety standards regarding professional qualifications and workplace safety during installation, commissioning, and maintenance of the provided technological solutions.