ComX Computers
Product Specification Sheet

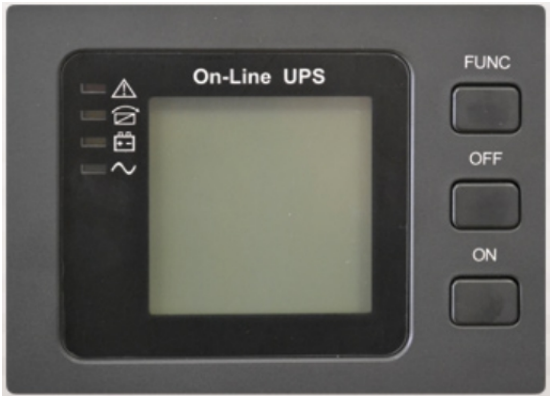
M3C

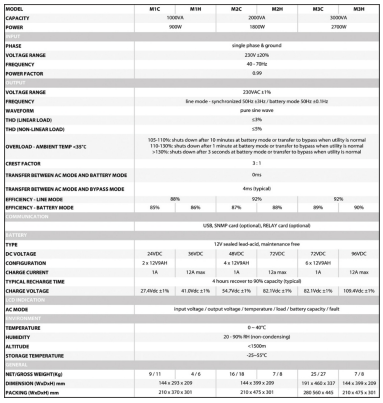
PSS 3KVA True Online MP series UPS

Product Overview

PSS 3KVA True Online MP series UPS, 220v Single Phase, On-line double conversion, Full digital control (DSP), Output power factor 0.9, Wide input-voltage range, Self-testing when UPS start-up, Cold Start (DC), Multifunctional protection, Output bypass settable, Charger current settable, USB port - intelligent monitoring software







MODEL	M1C	M1H	M2C	M2H	M3C	M3H
CAPACITY	1000VA		2000VA		3000VA	
POWER	900W		1800W		2700W	
INPUT						
PHASE	single phase & ground					
VOLTAGE RANGE	230V ±20%					
FREQUENCY	40 - 70Hz					
POWER FACTOR	0.99					
OUTPUT						
VOLTAGE RANGE	230VAC ±1%					
FREQUENCY	line mode - synchronized (47Hz-53Hz / battery mode 50Hz ±0.1Hz					
WAVEFORM	pure sine wave					
THD (LINEAR LOAD)	≤3%					
THD (NON-LINEAR LOAD)	≤5%					
OVERLOAD - AMBIENT TEMP <35°C	105-110%: shuts down after 10 minutes at battery mode or transfer to bypass when utility is normal 110-130%: shuts down after 1 minute at battery mode or transfer to bypass when utility is normal >130%: shuts down after 3 seconds at battery mode or transfer to bypass when utility is normal					
CREST FACTOR	3 : 1					
TRANSFER BETWEEN AC MODE AND BATTERY MODE	0ms					
TRANSFER BETWEEN AC MODE AND BYPASS MODE	4ms (typical)					
EFFICIENCY - LINE MODE	88%		92%		92%	
EFFICIENCY - BATTERY MODE	85%	86%	87%	88%	89%	90%
COMMUNICATION	USB, SNMP card (optional), RELAY card (optional)					
BATTERY						
TYPE	12V sealed lead-acid, maintenance free					
DC VOLTAGE	24VDC	36VDC	48VDC	72VDC	72VDC	96VDC
CONFIGURATION	2 x 12V9AH		4 x 12V9AH		6 x 12V9AH	
CHARGE CURRENT	1A	12A max	1A	12a max	1A	12A max
TYPICAL RECHARGE TIME	4 hours recover to 90% capacity (typical)					
CHARGE VOLTAGE	27.4Vdc ±1%	41.0Vdc ±1%	54.7Vdc ±1%	82.1Vdc ±1%	82.1Vdc ±1%	109.4Vdc ±1%
ENVIRONMENT						
AC MODE	input voltage / output voltage / temperature / load / battery capacity / fault					
ENVIRONMENT						
TEMPERATURE	0 ~ 40°C					
HUMIDITY	20 - 90% RH (non-condensing)					
ALTITUDE	<1500m					
STORAGE TEMPERATURE	-25~55°C					
PHYSICAL						
NET/GROSS WEIGHT(kg)	9 / 11	4 / 6	16 / 18	7 / 8	25 / 27	7 / 8
DIMENSION (WxDxH) mm	144 x 293 x 209		144 x 399 x 209		191 x 468 x 337	144 x 399 x 209
PACKING (WxDxH) mm	210 x 370 x 301		210 x 475 x 301		280 560 x 445	210 x 475 x 301

Specifications

Overview:

INTRODUCTION
Lightweight in design, these true on-line UPS's provide the best protection for your expensive computer 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. The standard unit comes with 10-60 minute internal batteries, alternatively, battery banks can be provided to supply up to 8 hours' runtime. M-Series UPS's are designed for the server room environment.

APPLICATION
Computer Centres, Network Centres, Communication Systems, Automatic Control Systems or Other Critical Systems

Features:

- On-line double conversion
- Full digital control (DSP)
- Output power factor: 09
- Economic operation mode (ECO)
- Wide input-voltage range
- Self-testing when UPS start-up
- Cold Start (DC)
- Multifunctional protection
- Output bypass settable
- Charger current settable
- USB port - intelligent monitoring software
- Optional SNMP or dry contact adapter

Specifications:

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Specifications	
Product Code	M3C
Technology	True Online Double Conversion UPS
Size	1000VA -3000VA
Input/output Voltage	230V/230V
Design	Tower
Power Factor	0.9
Battery	Internal or External (model dependant)
Software	Intelligent

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/M3C-PSS-3KVA-True-Online-MP-series-UPS-p-169985.php

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