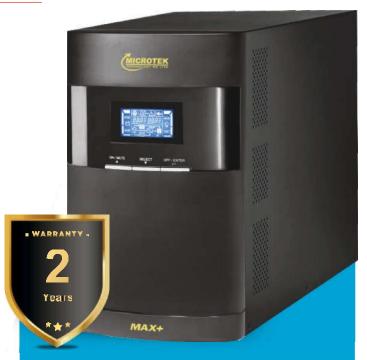


1KVA / 2KVA / 3KVA ISO TX

EXTERNAL BATTERIES

Max+ series operates with programmable power management outlet along with the availability of hot standby feature and it's static bypass improves its reliability. The SNMP card is also available on demand as an option. This series is based on High Frequency Double Conversion IGBT technology with static bypass which improves reliability and consists of advanced PFC technology or battery management. The fixed output frequency can be synchronized with the input frequency.

Online UPS Models With inbuilt Isolation Transformers



FEATURES:

- · True double-conversion
- Microprocessor control optimizes reliability
- · Input power factor correction
- Wide input voltage (110 V 300V)
- 50/60Hz Frequency Converter Mode
- ECO mode for energy saving
- Emergency power off (EPO) function
- Adjustable charging current via LCD panel
- SNMP/USB/RS-232 multiple communications (SNMP is Optional)
- 3-stage smart battery charger design to optimize battery performance
- Comprehensive display allows easy monitoring and access of UPS status
- Generator compatible
- Built in galvanic isolation transformer

BENEFITS:

- · Efficient micro controller based
- Hot standby feature
- Programmable power management outlets
- Static bypass
- Over heating indication and protection.
- Noise Level: Less than 50dBA@ 1meter (with fan speed control)
- SNMP (Optional): Power management from SNMP manager and web browser.



APPLICATIONS:







INDUSTRIAL CUTTING MACHINES

MEDICAL EQUIPMENTS

PROCESS AUTOMATION EQUIPMENTS

TECHNICAL SPECIFICATIONS

MODEL		MAX+1KVA ISO TX	MAX+2KVA ISO TX	MAX+3KVAISOTX
CAPACITY		1000VA / 900W	2000VA / 1800W	3000VA / 2700W
Input		1000 1111 00011	200011111100011	0000 2,001.
Nominal Voltage			200/208/220/230/240 VAC	
Nominar voitage		160 VAC / 140 VAC / 120 VAC / 110 VAC ± 3 %		
Voltage Range	Low Line Transfer	based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0		
	Low Line Comeback	175 VAC / 135 VAC / 125 VAC ± 3 %		
	High Line Transfer	300 VAC ± 3%		
	High Line Comeback	290 VAC ± 3%		
Frequency Range		40Hz ~ 70Hz		
Phase		Single phase with ground		
Power Factor		≧ 0.99 @ full load		
THDi		≦5% @ 220-230VAC on Full Charged battery		
		THDU < 1.6% @ input and full linear load condition		
OUTPUT		\		
Output Voltage		200/208/220/230/240 VAC		
AC Voltage Regulation (Batt. Mode)		± 2%		
Frequency Range (Synchronized Range)		50Hz system:47 ~ 53 Hz (60Hz system:57~63Hz)		
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz (60Hz ± 0.1 Hz)		
Current Crest Ratio		3:1		
our one or occuration		≤ 3 % THD (Linear Load)		
Harmonic Distortion at output		≦ 5 % THD(Linear Load)		
	Teo. oo			
Transfer Time	AC to DC	Zero		
	Inverter to Bypass ECO to Battery mode	4 ms (Typical) 8 ms (Typical), 10 ms(max)		
Waveform (Batt. Mode)		Pure Sinewave		
EFFICIENCY		rure sinewave		
		70% A full abarged bettery	07% © full abased batters	OV 90 O feell abance of battage.
AC Mode		78% @ full charged battery	83% @ full charged battery 90% @ full charged battery	84% @ full charged battery
ECO mode Battery Mode		84% @ full charged battery 75%	90% @ full charged battery 81%	90% @ full charged battery 81%
BATTERY		/5/6	01/6	81%
BALLERY	In =		OMEVEL A /LEAD AOID	
Long-run Model	Battery Type Numbers	SMFVRLA / LEAD-ACID 12V x 3Pcs		
	Charging Current (max.)	12V x 3Pcs 12V x 6Pcs 1A/2A/4A/6A/8A (Selectable), default 8A		
	Charging Voltage	41.1VDC ± 1% 82.2VDC ± 1%		
INDICATORS	Charging voltage	TI.1100 2 1%	02.2 VDC ± 1/6	
Status on LCD		LIPS etatus Load level Ratte	ery level, Input/Output voltage/Frequ	uency, and Fault conditions Via LCD
ALARM		Of O Status, Edad level, Datte	ery tevel, ilipati output voltage/i requ	deficy, and radit conditions via ECD
Battery Mode		Sounding every 5 seconds		
Low Battery		Sounding every 2 seconds		
Overload		Sounding every second		
Fault		Continously sounding		
PHYSICAL		·		
Dimension, D X W X H (mm)			42 i X 190 X 318	
Net Weight (kgs)		15.3	17.8	23.3
Outlet types & Number			3-Pin 6Amp India type Sockets,	
Inlet type		IEC C14 10A Socket	IEC C20 16A Socket	3-Pin 50A Hard-Wire terminal
ENVIRONMENT				
Humidity & Operating Temperature		20-95 % RH @ 0 - 40°C ** (non-condensing)		
Noise Level		Less than 55dBA @ 1 Meter with Fan speed control		
Degree of Ingress Protection		IP-20		
MANAGEMENT				
Smart RS-232 or USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC		
Optional external Slot (for SNMP, Dry contact,)		Power management from SNMP manager and web browser		
optional external diot (for divini, bry contact,)		Power management from SNPP manager and web blowser		

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