

- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output Power Factor 1.0
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Emergency power off function (EPO)
- ECO mode operation for energy saving (ECO)
- Generator compatible
- SNMP+USB+RS-232 multiple communications
- Smart battery charger design for optimized battery performance
- Selectable output voltage: 208-240VAC, 110-127VAC
- Accessories: External maintenance bypass switch, Volt Free Contact c
MODBUS card and SNMP card



MICRO VERSI 1500 / 3000 X1 SELECTION GUIDE

MODEL	MICRO VERSI 1500 X1	MICRO VERSI 3000 X1
CAPACITY	1500 VA / 1500 W	3000 VA / 3000 W
Phase	Single phase with ground	
INPUT		
Voltage Range	110-300 VAC \pm 5 % at 50% load or 160-300 VAC \pm 5 % at 100% Load	
Nominal Voltage	200 / 208 / 220 / 230 / 240 VAC	
Frequency Range	47.5Hz ~ 52.5 Hz or 57Hz ~ 63 Hz	
Power Factor	\geq 0.99 @ Nominal Voltage (100% Load)	
Harmonic Distortion (THDi)	\leq 5% @ nominal input voltage	
OUTPUT		
Output Voltage	200 / 208 / 220 / 230 / 240 VAC	
AC Voltage Regulation (Batt. Mode)	\pm 1%	
Frequency Range (Batt. Mode)	50 Hz or 60Hz \pm 0.1 Hz	
Transfer Time	AC Mode to Batt. Mode	Zero
Transfer Time	Inverter to Bypass	4 ms (Typical)
Waveform (Batt. Mode)	Pure Sinewave	
Current Crest Ratio	3:1 (Max)	
Harmonic Distortion	\leq 2 % THD (Linear Load)	\leq 4 % THD (Non-linear Load)
Frequency Range (Synchronised Range)	47-53 Hz or 57-63 Hz	
Overload	AC and Batt Mode	100% ~110% 10 Min / 110% ~ 130% 1 Min / >130% 1 Sec
EFFICIENCY		
AC Mode	\geq 89% with fully charged battery	\geq 91% with fully charged battery
Battery Mode	\geq 88%	\geq 90%
ECO Mode	\geq 96% with fully charged battery	
BATTERY		
Typical Charging Time	3 Hours to 95% capacity for internal battery @2A charging current	
Charging Current	2A to 8A selectable on front LCD display	
Battery Type	12 V / 9 AH x 3	12 V / 9 AH x 6
Charging Voltage	41.1 VDC \pm 1%	82.1 VDC \pm 1%
INDICATORS		
LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions	
LED Panel	UPS status, Load level, Battery level, and Fault indicators	
ALARM		
Battery Mode	Sounding every 4 seconds	
Low Battery	Sounding every second	
Overload	Sounding twice every second	
Fault	Continuously sounding	
PHYSICAL		
Dimension, D X W X H (mm)	410 X 438 X 88 [2U] mm	630 X 438 X 88 [2U] mm
Net Weight (kg)	20.1	30.4
ENVIRONMENT		
Operation Humidity	20-90 % RH @ 0- 40°C (non-condensing)	
Altitude	10% derating for over 1000m (Altitude should not exceed 3000m)	
Noise Level	Less than 50 dB @1m	
MANAGEMENT		
Smart RS-232	Supports Windows family, Novell, Linux and FreeBSD	
USB		
Optional SNMP	Power management from SNMP manager and web browser	
Warranty	2 year replacement (from delivery)	

* Product specifications are subject to change without further notice