

Pure

Line Interactive **1-3Kva**



Electrical System for Continuity

TECHNICAL SPECIFICATION

The PURE Line-interactive UPS series, featured with smart microprocessor control design, AVR boost and buck, Smart USB communication interface and cold start function, is an ideal solution for protecting household and small office systems. In addition, the UPS is built-in USB charger, which may charge your mobile, PAD, etc. alone.

MODEL	PURE 1000	PURE 2000	PURE 3000	
CAPACITY	1000VA/800W	2000VA/1600W	3000VA/2400W	
INPUT				
Voltage	208/220/230/240VAC			
Acceptable Voltage Range	160-290VAC			
Frequency Range	50/60Hz (Auto sensing)			
OUTPUT				
Output Voltage	208/220/230/240VAC			
Voltage Regulation(Batt.Mode)	+/- 3% (Before battery alarm)			
Frequency Range (Batt.Mode)	50Hz or 60Hz +/- 4.0Hz			
Current Crest Ratio	3:1			
Harmonic Distortion	3% @ 100% linear load, 5% @ 100% non-linear load			
Transfer Time	Typical 6ms, 10ms max			
Waveform (Battery Mode)	Pure sinewave			
EFFICIENCY				
Normal Mode	97%			
Buck & Boost Mode	95%			
Battery Mode	85%			
BATTERY				
Standard Model	Type & Number	12V/7,2Ah*2	12V/7,2Ah*4	12V/7,2Ah*6
	Charging Current(max.)	1.0A		
	Charging Voltage	27.4VDC+/-1%	54.8VDC+/-1%	82.1VDC+/-1%
	Typical Recharge Time	5 hours recover to 90% capacity		
PROTECTION				
Full Protection	Overload,output short,discharge,and overcharge protection			
INDICATORS				
LED Display	AC mode , battery mode , buck boost mode,battery level,load level, overload , fault and low battery			
LCD Display(Optional)	AC mode , battery mode , buck boost mode,battery level,load level, input voltage and frequency, output voltage and frequency, overload , fault and low battery			
ALARM				
Battery Mode	sounding every 10 seconds			
Low Battery	sounding every second			
Overload	sounding every 0.5 second			
Fault	continuously sounding			
PHYSICAL				
Standard Model	Dimension D*W*H(mm)	400*144*215	468*191*337	
	Net Weight(kg)	10	21	24
ENVIRONMENT				
Humidity	0-90% RH @ 0-40°C (Non-condensing)			
Noise Level	Less than 45dB			
MANAGEMENT				
Smart RS-232/USB	Support Windows® 2000/2003/XP/Vista/2008,Windows® 7/8, Linux, Unix and MAC			
Slot for optional card	SNMP - Relay Card			

Features

- **AVR Boost and Buck**
Automatically corrects either under-voltage or over-voltage condition without unnecessary battery drain and extend the life of the battery.
- **Cold Start Function**
Aids users to turn on the UPS without connecting the Utility.
- **Smart RS232/USB Interface for Power Management**
Supports real-time power and UPS status monitoring. Automatic shutdown, schedule and many other advance power management functions.
- **Built-in Self-diagnostic Function**
May execute automatically upon power-on or software-control.
- **Modem/LAN Internet Protection**
Protects the Modem/LAN against spike or surge coming through network or telephone wires.
- **Compatible with Generator Set**
Micropower series supports wide range input voltage to fit with various generator sets.

- **Models with LCD Display are Available Now**
With comprehensive graphic display, it provides easy read-out status of the UPS from the screen, such as input voltage, output voltage, load level, battery level...etc..
- **Fastest Charging Capacity**
With built-in powerful charger, the UPS can be fully charged back to 90% in 6-8 hours.
- **Auto Charging at Off Mode**
The battery may be charged continuously even though it is at OFF mode.
- **Auto-restart Function**
The UPS will be automatically re-started when Utility recovers.



Specifications subject to change without prior notice.



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