INTRINSIC MANUFACTURING

Base Series Line Interactive UPS



Product Features

- Excellent microprocessor control guarantees high reliability
- Boost and Buck AVR for voltage stabilization
- Auto restart while AC is recovering
- Pure sine wave
- Off-mode charging
- Cold start function
- Built-in USB communication port and RJ-45 phone protection
- Provides battery backup and surge protected outputs
- Easy replacement battery compartment
- Hot-swappable battery design
- Optional Coax Surge Protection for TV antenna/network
- Optional 5V USB charger port for mobile devices
- Site Wiring Fault for 120Vac models
- Battery Independent: turn ON and operate in the AC mode providing surge protection and AVR function without the batteries connected
- Comply with energy Star 2.0 for 120Vac models

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Product Specifications

MODEL	Base 800	Base 800	Base 1000	Base 1200	Base 1500
CAPACITY	600 VA / 360 W	800 VA / 480 W	1000 VA / 600 W	1200 VA / 720 W	1500 VA / 900 W
INPUT					
Voltage	110/120 VAC or 220/230/240 VAC				
Voltage Range	81~134VAC/89~145VAC or 162~268VAC/170~280VAC/177~290VAC				
Frequency Range	50/60 Hz ± 5Hz (Auto sensing)				
OUTPUT					
Voltage	110/120 VAC or 220/230/240 VAC				
AC Voltage Regulation (Batt. Mode)	±10%				
Frequency Range (Batt. Mode)	60 Hz or 50 Hz ±1 Hz				
Transfer Time	6ms typical, 10ms max				
Waveform (Batt. Mode)	Pure Sinewave				
BATTERY					
Battery Type & Number	12 V/7 Ah x 1	12 V/9 Ah x 1	12 V/9 Ah x 1	12 V/7 Ah x 2	12 V/9 Ah x 2
Typical Recharge Time	4-6 hours recover to 90% capacity				
PROTECTION					
Full Protection	Overload, discharge, and overcharge protection				
USB CHARGER					
USB Charger ports	Type A x 2				
Output Voltage	5.2V±5%				
Load current	2.1A(MAX)				
INDICATORS					
LCD Display	Input/output voltage, input/output frequency, load in VA/Watts, battery capacity, estimated remaining runtime, site wiring fault indications.				
ALARM					
Battery Mode	Sounding every 10 seconds				
Low Battery	Sounding every second				
Overload	Sounding every 0.5 second				
Fault	Continuously sounding				
PHYSICAL					
Dimension, D x W x H (mm)	288 × 99 × 280			410 × 99 × 280	
Net Weight (kgs)	7.4	7.9	8.5	11.8	13.1
ENVIRONMENT					
Humidity	0-90 % RH @ 0- 40°C (Non-condensing)				
Noise Level	Less than 40dB			Less than 45dB	
MANAGEMENT					
Optional USB Port	Supports Windows Family, Linux and MAC				
Compliance & Standards	110/120VAC model: cTUVus (standard:UL 1778), FCC Part 15 Class B, ENERGY STAR (USA)				
Compliance & Standards	220/230/240VAC model: CE, EN 62040-1:2008/A1:2013, IEC 62040-1:2008/A1:2013				
Product specifications are subject to change without further notice.					
UPS Base Series					Rev: Sept 2026