Astrid®

ENERGY ENTERPRISES

Uninterruptible Power Supplies

EnNet
600/800/1000/1200/1500/2000VA

Excellence as a Standard

- Line interactive design technology provides automatic output voltage regulation
- Protects mission critical applications from downtime, data loss, data corruption,
- and process interruption by providing regulated power
- Fully digitalized microprocessor controlled
- Audible sound for fault alert condition
- Plug & Play installation
- User swappable batteries replacement
- 50/60 Hz auto sensing and selection

- Advanced Battery Management systems
- Cold start function (DC power on)
- Lightning and surge protection
- Short circuit and overload protection
- UPS Management Software included for monitoring and auto shutdown
- Standard RS232 serial communication

EnNet

600/800/1000/1200/1500/2000
TECHNICAL DATA

EXCELLENCE AS A STANDARD

INPUT						
Model	EnNet 600	EnNet 800	EnNet 1000	EnNet 1200	EnNet 1500	EnNet 2000
Capacity (VA)	600	800	1000	1200	1500	2000
Voltage (V)	100, 110, 115, 120, 220, 230, +/-25% at line input					
Frequency (Hz)	50 or 60, +/-10% (auto sensing)					
OUTPUT						
Voltage (Backup Mode)	Simulated Sinewave at 100/110/115/120/220/230 +/-5%					
Frequency (Backup Mode)	50 or 60 Hz +/- 1 Hz					
Voltage Regulation (AVR)	AVR automatically increase output voltage 15 % above input voltage if -9% to -25% of nominal. AVR automatically decrease output voltage 13% below input voltage if +9% to +25% of nominal					
Transfer Time	2 - 4 milliseconds, including detection time					
PROTECTION AND FILTERING						
Spike Protection	480 Joules, 2ms					
Unit Input	Fuse or circuit breaker for overload & short circuit protection					
Overload Protection	UPS automatic power off if overload exceeds 110% of nominal at 60s and 130% at 3s					
10 Base-T cable	Optional					
Short Circuit	UPS output cut off immediately or input fuse protection					
BATTERY						
Type	Sealed, maintenance-free lead acid batteries					
Typical Recharge Time	6 hours (to 90% of full capacity)					
Protection	Auto discharge protection					
Back-up time in mins (a PC with 15" monitor)	25-35	30-40	60-70	65-75	70-80	80-90
PHYSICAL						
Net weight (KG)	6	6.45	13.4	13.4	15.9	15.9
Dimension (WxDxH) mm	97 x 320 x 135		130 x 382 x 192			
Input Inlet	IEC 320 power inlet					
Receptables	NEMAS-15R(115V), IE320 female appliance coupler (220V)					
ALARM						
Battery Back-up	Slow beeping sound (about 0.47Hz)					
Battery Low	Rapid beeping sound (about 1.8 Hz)					
Overload	Continuously bleeping sound					
COMMUNICATION						
RS-232	Standard					
Power Management Software	Standard					
ENVIRONMENTAL						
Ambient Operation	3,500 meters max. elevation, <95% humidity non-condensing, 0 - 40 C					
Audible Noise (dBA)	< 40 (1 meter from surface)					

Specifications subject to change without notice

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