

New ES Series Features:

- ✦ Digital with Microprocessor Control
- ✦ Built Super Smart Charger, Shorten Charging Time
- ✦ Built-In Automatic Voltage Regulator
- ✦ AC Auto Restart
- ✦ Power-on Self-Test
- ✦ Built-In Self-Diagnostic Function
- ✦ Off-mode Charging Function
- ✦ Intelligent Battery Management
- ✦ No-load Shut Down (Optional)
- ✦ Humanized Alarm System
- ✦ Generator Compatible
- ✦ RS232/USB Communication Port (Optional)
- ✦ RJ11/RJ45 Protection (Optional)



New Economy UPS Series

MODEL		New ES-500	New ES-700	New ES-900	New ES-1200
DESCRIPTION		Line Interactive UPS with Smart Microprocessor Control			
CAPACITY	VA / Watts	500VA/250W	700VA/360W	900VA/480W	1200VA/600W
INPUT	Nominal Voltage	110~120VAC / 220~240VAC			
	Voltage Range	81VAC~145VAC / 162VAC~290VAC			
	Frequency	50 Hz / 60 Hz (Auto Sensing)			
OUTPUT	Voltage (Batt. Mode)	+/-10%			
	Frequency	Same as Input			
	Built-in AVR	One Boost & One Buck			
	Waveform	Modified Sine Wave			
	Transfer Time	Typical 2-6 ms			
	Outlets	4 NEMA 5-15R (optional: 6 NEMA) / 3 IEC / 3 Argentinin / 2 Universal / 2 Schuko / 2UK			
	BATTERY	Battery Type & Number	12V 4.5 Ah x 1	12V 7 Ah x 1	12V 9 Ah x 1
	Typical Recharge Time	4-6 hours up to 90% capacity			
INDICATORS	AC Mode	Green Lighting			
	Battery Mode	Yellow Flashing			
	Fault	Red Lighting			
	Smart Charging when UPS is off	Green Flashing			
ALARM	Battery Mode	Sounding every 10 seconds			
	Low Battery	Sounding every second			
	Overload	Sounding every 0.5 seconds			
	Battery Replacement Alarm	Sounding every 2 seconds			
	Fault	Continuously sounding			
PROTECTION	Electrical Protection	Overload, AC Fuse, Short Circuit and Overcharge protection			
PHYSICAL	Dimension, D X W X H (mm)	297 x 101 x 142			
	Net Weight (kgs)	3.5kgs	4.2kgs	4.9kgs	5.1kgs
ENVIRONMENT	Humidity	0% ~ 90% Relative Humidity 0~40°C (Non-Condensing)			
	Audible Noise	< 40dB			

* Specification Subject to Change without Prior Notice