

Enhanced Series

For personal computers
and work stations

ES550C/ ES800C/ ES1000C/ ES1500C

- * AVR (automatic voltage regulator)
- * Up to 8 battery backup outlets
- * RJ11/RJ45 protection
- * Easy battery replacement procedure
- * 1050 Joules surge energy rating
- * 4 hours battery recharge time
- * Smart power management software



Protection for small electronic equipment

The ESC series offer the highest power capacity and the best equipment protection around. Not only do they protect against blackouts, sags and surges, but with the added feature of AVR (Automatic Voltage Regulator), these UPS products ensure that only clean and safe currents reach your equipment.

What is AVR?

AVR is a feature that corrects under and over voltages without draining the battery, thus providing extended battery life and most important, allowing the UPS to provide high quality power during unacceptable voltage fluctuations.

Specifications

Model Name	ES550C	ES800C	ES1000C	ES1500C
Topology	Line-Interactive			
On-battery Output Waveform	Simulated Sine Wave			
Maximum Capacity	550VA / 330W	800VA / 480W	1000VA / 700W	1400VA / 980W
INPUT				
Nominal Input Voltage	100/110/120Vac or 220/230/240Vac*			
Nominal Input Frequency	50Hz / 60Hz Auto Sensing			
Input Voltage Range	Rated Voltage +/- 25%			
Input Protection	Circuit Breaker(US) ; Fuse (IEC)		Circuit Breaker	
OUTPUT				
Nominal Output Voltage	100/110/120Vac or 220/230/240Vac*			
Output Voltage Regulation	Rated Voltage +/- 5% (on battery)			
Transfer Time (Typical)	4 ms			
Automatic Voltage Regulation (AVR)	Yes			
Number of Outlets	3 Battery Backup + 3 Surge Protection(US)		8 Battery Backup (US) 8 Battery Backup (IEC)	
PROTECTION				
Data Line Surge Protection	RJ11 / RJ45			
Surge Energy Rating	1050 Joules			
Normal Mode Noise Suppression	Full time EMI/RFI filtering			
BATTERY				
User Replaceable Battery	12V / 7.2Ah x 1	12V / 34W x 1	12V / 7.2Ah x 2	12V / 34W x 2
Typical Backup Time**	21 min	33 min	40 min	45 min
Recharge Time to 90% (Typical)	< 4 Hours			
ADVANCE WARNING / DIAGNOSTICS				
Front Panel	AC Mode / Battery Mode / Battery Fault		AC Mode / Battery Mode / Battery Fault / Boost / Buck	
Audible Alarms	Battery Mode / Battery Fault / Overload			
COMMUNICATIO S INTERFACE				
Communication Port ***	RS232			
ENVIRONMENTAL				
Operation Temperature	0~40°C / 32~104°F			
Storage Temperature	-20~60°C / -4~140°F			
Audible Noise	< 40 dBA			
PHYSICAL				
Dimensions (Physical / Packing) (LxWxH)	(in) (mm)	12.7x4x6.5 / 16.1x7.7x10.6 322x102x165 / 410x195x268	14.9x5.5x7.9 / 19.2x10.6x12.8 378x140x201 / 487x270x326	
Weight (Net / Gross)	(lbs) (kg)	14.1 / 16.1 6.4 / 7.3	15.4 / 17.4 7 / 7.9	31.1 / 33.3 14.1 / 15.1
35.7 / 39.2 16.2 / 17.8				
CONFORMANCE				
Approvals	UL / cUL(1X0V) ; CE , A-Tick , C-Tick , GOST-R(2X0V)			

Specifications are subject to change without notices.

* Models of these nominal voltages are available, however each model is present to certain nominal voltage, which is not user-changeable.

** Typical backup time represents backup time for load equivalent to one PC and one 15" LCD monitor. Values here are for reference only.

*** You can purchase RS232 to USB cable.

Backup Time (Typical)

ES550C	1PC+1LCD	21 mins
ES800C	1PC+1LCD	33 mins
ES1000C	1PC+1LCD	40 mins
ES1500C	1PC+1LCD	45 mins



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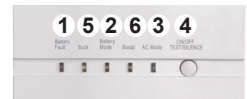
- 7 Communication Port
- 8 Data Line Protection
- 9 Battery Backup Outlets
- 10 Surge Protected Outlets
- 11 Input
- 12 Output
- 13 Breaker

Front Panel

ES550C/ ES800C

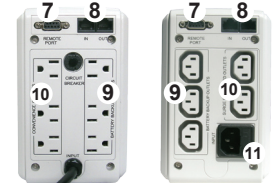


ES1000C/ ES1500C



Rear Panel

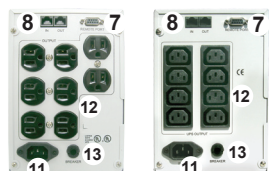
ES550C/ ES800C



100V
110V
120V

220V
230V
240V

ES1000C/ ES1500C



100V
110V
120V

220V
230V
240V

- 1 Battery Fault
- 2 Battery Mode
- 3 AC Mode
- 4 On/Off, Test/ Silence
- 5 Buck
- 6 Boost

