

Enhanced Series

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.

ES-C 550-1.5K

Features

- 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

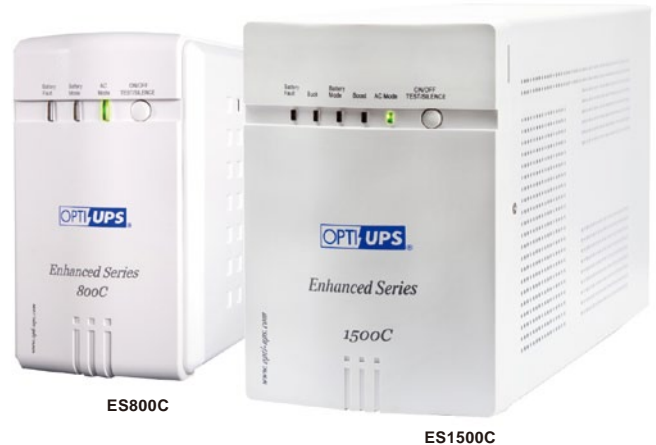
Specifications

Model Name	ES550C	ES800C	ES1000C	ES1500C	
Topology	Line-Interactive, Low Frequency				
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 $\pm 25\%$				
OUTPUT					
Nominal Output Voltage	100 / 110 / 120Vac or 220 / 230 / 240Vac(!)				
Output Voltage Regulation	Rated Voltage $\pm 5\%$ (on battery)				
Transfer Time (Typical)	4 ms				
Automatic Voltage Regulation (AVR)	Yes				
Start on battery	Yes				
Auto Restart	Yes				
Number of Outlets	3 Battery Backup + 3 Surge Protection (NEMA 15A) 3 Battery Backup + 2 Surge Protection (IEC 10A)	8 Battery Backup (NEMA 15A) 8 Battery Backup (IEC 10A)			
PROTECTION					
Data Line Surge Protection	RJ11 / RJ45				
Surge Energy Rating	1050 Joules				
Overload Protection	UPS shuts down at 110% load after 20 secs or 130% load after 3 secs				
Over Current Protection	Circuit Breaker (NEMA), Fuse (IEC)	Circuit Breaker			
Discharge Protection	Keylock				
BATTERY					
Configuration	12V (12V 7.2AH*1)	12V (12V 34W*1)	12V (12V 7.2AH*2)	12V (12V 34W*2)	
Typical Backup Time**	21 min	33 min	40 min	45 min	
Recharge Time to 90% (Typical)	< 4 Hours				
ADVANCED WARNINGS / DIAGNOSTICS					
Front Panel	AC Mode / Battery Mode / Battery Fault		AC Mode / Battery Mode / Battery Fault / Boost / Buck		
Audible Alarms	Battery Mode / Battery Fault / Overload				
COMMUNICATION INTERFACE					
Communication Port	RS232 / USB (optional)				
ENVIRONMENTAL					
Operation Temperature	0~40°C / 32~104°F				
Storage Temperature	-20~60°C / -4~140°F				
Relative Humidity	0~95% Non condensing				
Audible Noise	< 40 dBA				
PHYSICAL					
Dimensions (LxWxH)	Physical	322x102x165mm		378x140x201mm	
	Packing	410x195x268mm		487x270x326mm	
Weight	Net	6.4kg	7kg	14.1kg	16.2kg
	Gross	7.3kg	7.9kg	15.1kg	17.8kg
CONFORMANCE					
Approvals	UL / cUL, CE, GOST-R				

Specifications are subject to change without notice.

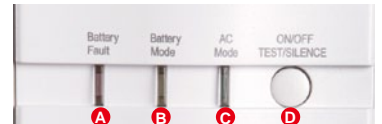
* Models of these nominal voltages are available, however each model is present to certain nominal voltage, which is not user-changeable.

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

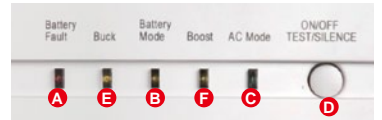


Front Panel

ES550C/ES800C



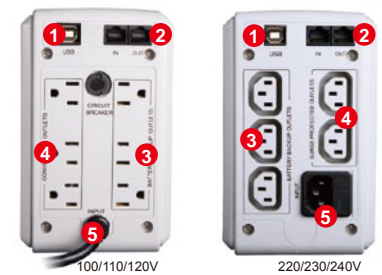
ES1000C/ES1500C



- A** Battery Fault
- B** Battery Mode
- C** AC Mode
- D** On/Off, Test/Silence
- E** Buck
- F** Boost

Rear Panel

ES550C/ES800C



ES1000C/ES1500C



- 1** RS232 / USB (Optional)
- 2** Data Line Protection
- 3** Battery Backup Outlets
- 4** Surge Protected Outlets
- 5** Input
- 6** Breaker