

Protect and Serve

Battery
Fault

Battery
Mode

AC
Mode

ON/OFF
TEST/SILENCE

OPTI-UPS[®]

Enhanced Series
800C

www.opti-ups.com

ES-C

ES-C 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 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 UPS provide high quality power during unacceptable voltage fluctuations.

:: Model

Tower : **ES550C, ES800C, ES1000C, ES1500C**

Rackmount : **ES1000C-RM, ES1500C-RM**

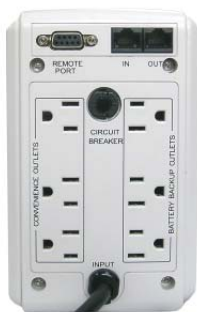


Features:

- * AVR (automatic voltage regulator)
- * Up to 8 battery back up outlets
- * RJ11/RJ45 protection
- * 2U design for rackmount units
- * Easiest battery replacement procedure
- * 1050 Joules energy rating
- * Up to 0.7 power factor
- * 4 hours battery recharge time

BACK UP TIME (TYPICAL)

ES550C	1PC+1LCD	12 mins
ES800C	1PC+1LCD	16 mins
ES1000C	1PC+1LCD	40 mins
ES1500C	1PC+1LCD	45 mins



110V



230V



110V



230V

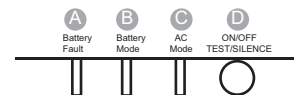


110V

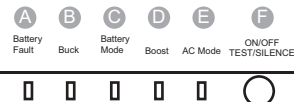


230V

□ ES-C

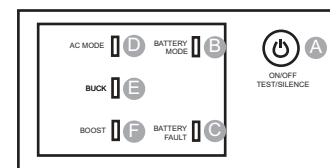


- A) Battery Fault
- B) Battery Mode
- C) AC Mode
- D) On / Off, Test / Silence



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

□ ES-C RM



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

ES-C



Model Name	ES550C	ES800C	ES1000C	ES1500C	ES1000C-RM	ES1500C-RM
Topology	Line-Interactive					
On-battery Output Waveform	Step Wave					
INPUT						
Maximum Capacity	550VA / 330W	800VA / 480W	1000VA / 700W	1400VA / 980W	1000VA / 700W	1400VA / 980W
Nominal Input Voltage	100 / 110 / 120Vac or 220 / 230 / 240Vac					
Nominal Input Frequency	50Hz / 60Hz Auto Sensing					
Input Voltage Range	Rated Voltage +/- 5%					
Input Short 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%					
Transfer Time	4 ms (typical)					
Number of Outlets	3 UPS outlets + 3 Surge protected outlets (US) 3 UPS outlets + 2 Surge protected outlets (IEC)			8 Battery backup (US) 8 Battery backup (IEC)		
PROTECTION						
Automatic Voltage Regulation (AVR)	Yes					
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/9AH x 1	12V/7.2AH x 2	12V/9AH x 2	12V/7.2AH x 2	12V/9AH x 2
Recharge Time to 90%	< 4 Hours					
Audible Alarms	Battery mode / UPS fault / Overload					
COMMUNICATIONS 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)	(in) 12.7 x 4 x 6.5 / 16.1 x 7.7 x 10.6	(in) 12.7 x 4 x 6.5 / 16.1 x 7.7 x 10.6	(in) 14.9 x 5.5 x 7.9 / 19.2 x 10.6 x 12.8	(in) 14.9 x 5.5 x 7.9 / 19.2 x 10.6 x 12.8	(in) 16.8 x 16.9 x 3.3 / 21.9 x 21.7 x 8.1	(in) 16.8 x 16.9 x 3.3 / 21.9 x 21.7 x 8.1
(L x W x H)	(mm) 322 x 102 x 165 / 410 x 195 x 268	(mm) 322 x 102 x 165 / 410 x 195 x 268	(mm) 378 x 140 x 201 / 487 x 270 x 326	(mm) 378 x 140 x 201 / 487 x 270 x 326	(mm) 426 x 428 x 84 / 555 x 550 x 205	(mm) 426 x 428 x 84 / 555 x 550 x 205
Weight (Net / Gross)	(lbs) 15.5 / 17.3	(lbs) 15.3 / 17.2	(lbs) 30.9 / 34.8	(lbs) 36.1 / 39.9	(lbs) 38.2 / 44.9	(lbs) 39.1 / 45.8
	(kg) 6.4 / 7.3	(kg) 7 / 7.9	(kg) 14.1 / 15.7	(kg) 16.2 / 17.8	(kg) 17.3 / 20.4	(kg) 17.7 / 20.8
CONFORMANCE						
Approvals	BSMI ; CE UL / cUL ; C-Tick , A-Tick ; GOST-R					

Specifications are subject to change without notice.

* You can purchase RS232 to USB cable.



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