Enhanced Series

For personal computers and work stations

ES550C / ES800C / ES1000C / ES1000C-RM / ES1500C / ES1500C-RM



* ES1500C

ES550C / ES800C / ES1000C / ES1500C

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.

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

Backup Time (Typical)

ES550C 1PC+1LCD 21 mins ES800C 1PC+1LCD 33 mins ES1000C1PC+1LCD 40 mins

ES1500C1PC+1LCD 45 mins

Front Panel

ES550C / ES800C



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

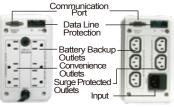
ES1000C / ES1500C



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

Rear Panel

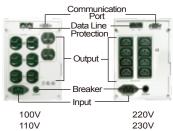
ES550C / ES800C



120V	240V
110V	230V
100V	220V

ES1000C / 1500C

120V



240V

Specifications

Topology On-battery Output Waveform INPUT Maximum Capacity Nominal Input Voltage Nominal Input Frequency Input Short Protection Output Voltage Range Output Voltage Regulation Transfer Time A ms (typical) Number of Outlets 3 UPS outlets + 3 Surge protected outlets (US) Automatic Voltage Regulation (AVR) Output Voltage Regulation Output Voltage Regulation Fated Voltage (US) Surge Energy Rating Output Voltage Regulation Output Voltage Output Output Voltage Output Output
INPUT Maximum Capacity Maximum Capacity Mominal Input Voltage Nominal Input Frequency Input Voltage Range Input Short Protection OUTPUT Nominal Output Voltage Output Voltage Regulation Transfer Time Number of Outlets 3 UPS outlets + 3 Surge protected outlets (IEC) PROTECTION Automatic Voltage Regulation Automatic Voltage Regulation Automatic Voltage Regulation Surge Energy Rating Normal Mode Noise Suppression StoVA / 330W 800VA / 480W 1000VA / 700W 1400VA / 700W 1400VA / 980W 1000 / 110 / 120Vac or 220 / 230 / 240Vac** Circuit Breaker Circuit Breaker Circuit Breaker Output Voltage +/- 25% Circuit Breaker Oircuit Br
Maximum Capacity 550VA / 330W 800VA / 480W 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 +/- 25% Input Short Protection Circuit Breaker (US), Fuse (IEC) OUTPUT Circuit Breaker (US), Fuse (IEC) Nominal Output Voltage 100 / 110 / 120Vac or 220 / 230 / 240Vac** Output Voltage Regulation Rated Voltage +/- 5% (on battery) Transfer Time 4 ms (typical) Number of Outlets 3 UPS outlets + 3 Surge protected outlets (US) 8 Battery backup (US) 3 UPS outlets + 2 Surge protected outlets (IEC) 8 Battery backup (IEC) PROTECTION Automatic Voltage Regulation (AVR) Yes Data Line Surge Protection RJ11 / RJ45 Surge Energy Rating 10550 Joules Normal Mode Noise Suppression Full time EMI/RFI filtering
Nominal Input Voltage Nominal Input Frequency Nominal Input Frequency Input Voltage Range Input Short Protection OUTPUT Nominal Output Voltage Output Voltage Regulation Transfer Time Number of Outlets 3 UPS outlets + 3 Surge protected outlets (US) Automatic Voltage Regulation (AVR) Data Line Surge Protection Surge Energy Rating Normal Mode Noise Suppression 100 / 110 / 120Vac or 220 / 230 / 240Vac** Circuit Breaker Circuit Breaker (US), Fuse (IEC) Circuit Breaker Output Voltage +/- 5% (on battery) 110 / 120Vac or 220 / 230 / 240Vac** Output Voltage Regulation A ms (typical) 8 Battery backup (US) 8 Battery backup (IEC) Yes Data Line Surge Protection RJ11 / RJ45 Surge Energy Rating Normal Mode Noise Suppression
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OUTPUT OUTPUT Nominal Output Voltage 100 / 110 / 120Vac or 220 / 230 / 240Vac** Output Voltage Regulation Rated Voltage +/- 5% (on battery) Transfer Time 4 ms (typical) Number of Outlets 3 UPS outlets + 3 Surge protected outlets (US) 8 Battery backup (US) 3 UPS outlets + 2 Surge protected outlets (IEC) 8 Battery backup (IEC) PROTECTION Yes 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
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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
Recharge Time to 90% Audible Alarms Sattlery mode / UPS fault / Overload
Additional
Communication Port* RS232
ENVIRONMENTAL 183252
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 14.9 x 5.5 x 7.9 / 19.2 x 10.6 x 12.8
(L x W x H) (mm) 322 x 102 x 165 / 410 x 195 x 268 378 x 140 x 201 / 487 x 270 x 326
Weight (Net / Gross) (lbs) 14.1 / 16.1 15.4 / 17.4 31.1 / 33.3 35.7 / 39.2
(kg) 6.4 / 7.3 7 / 7.9 14.1 / 15.7 16.2 / 17.8
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.

** See VS1000C on page 6



