



ES1000C-RM / ES1500C-RM

* ES1500C-RM

ESC-RM 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 also ensure that only clean and safe currents reach your equipment.

What is AVR?

AVR is the 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

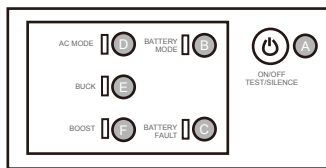
- * AVR (automatic voltage regulator)
- * 8 battery backup outlets
- * RJ11/RJ45 protection
- * 2U design
- * Easy battery replacement procedure
- * 1050 Joules energy rating
- * 4 hours battery recharge time

Backup Time (Typical)

ES1000C-RM	1PC+1LCD	40 mins
ES1500C-RM	1PC+1LCD	45 mins

Front Panel

ES1000C-RM / ES1500C-RM



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

Specifications

Model Name	ES1000C-RM	ES1500C-RM
Topology	Line-Interactive	
On-battery Output Waveform	Simulated Sine Wave	
INPUT		
Maximum Capacity	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	
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	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 2	12V/34W 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) 16.8 x 16.9 x 3.3 / 21.9 x 21.7 x 8.1	
(L x W x H)	(mm) 426 x 428 x 84 / 555 x 550 x 205	
Weight (Net / Gross)	(lbs) 38.1 / 44.9	39 / 45.8
	(kg) 17.3 / 20.4	17.7 / 20.8

Specifications are subject to change without notice.
 * You can purchase RS232 to USB cable.
 ** See VS1000C on page 6

Rear Panel

ES1000C-RM / ES1500C-RM

