OPTI UPS®

OPTI ES-C RM

PROVIDE BETTER PERFORMANCE

Compare OPTI's great range of ES1000C-RM, ES1500C-RM units and you will see better benefits over other brands. Offering protection for professional requirements, like PC server, security system and all necessary equipment for power users and SME(small and medium enterprises), the ES-C range is the perfect entry-level UPS for your computer and other electrical systems.

Features:

- Line interactive design
- Regulate fluctuate voltages with AVR
- Tel/LAN(RJ11/RJ45) surge protection
- Height 2U design
- 8 battery back up outlets
- Clear status LED indicators and audible alarms
- Lightning and surge protection
- Short circuit and overload protection
- Smart RS-232 interface
- Cold start
- Automatically charging
- User replaceable battery
- Free UPS management software OPTI-SAFE Xtreme (for RS232 port) compatible with Windows 95/98/ME/NT/2000/XP/Server2003, IBM OS/2, IBM AIX, Novell Netware, Linux, FreeBSD, SUN Solaris (x86 and SPARC), HP-UX, and SGI Irix
- Free UPS management software OPTI-SAFE USB (for USB port) compatible with Windows 95/98/ME/NT/2000/XP/Server 2003

Every OPTI UPS unit boasts these great benefits:

More time to back-up your valuable data

2 **2-year warranty**
* 3-year in USA

Battery replacement even when UPS is running

FREE **OPTI-SAFE Software CD bundled with every OPTI UPS**

SPECIFICATIONS

Model Name	ES1000C-RM	ES1500C-RM
Topology	Line-Interactive	
On-battery Output Waveform	Step Wave	
INPUT		
Maximum Capacity (VA/W)	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%	
Transfer Time	4ms (typical)	
Start on Battery	Yes	
Auto Restart	Yes	
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 / 7AH*2	12V / 9AH*2
Typical Backup Time(1 PC + 1 CRT)*	45~55min	65~75min
Recharge Time to 90%	< 4 Hours	
ADVANCE WARNING DIAGNOSTICS		
Front Panel LEDs	AC mode / Battery mode / Battery fault / Buck mode / Boost mode / Overload	
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	<40dBA	
PHYSICAL		
Dimensions (Physical/Packing) (LxWxH)	16.8x16.9x3.3 / 17.5x21.5x12 (inches) 426x428x84 / 445x545x305 (mm)	
Weight (Net/Gross)	37.8 / 44.4 (lbs) 17.2 / 20.2 (kgs)	38.5 / 45.1 (lbs) 17.5 / 20.5 (kgs)
CONFORMANCE		
EMI/RFI Compatibility	FCC (1X0V) ; CE (2X0V)	
Safety Certifications	UL / cUL(1X0V) ; C-Tick , A-Tick (2X0V)	

Specifications are subject to change without notice

* Back-up time varies from equipments attach to and UPS battery capacity. Numbers here are for reference

** You can purchase RS232 to USB cable