

EML-USB 1000CR 2000CR / 3000AR Series



- > User-friendly LCD display
- > Rack / tower convertible design
- > Controlled by a technologically advanced microprocessor guaranteeing high reliability
- > Equipped with 2-steps boost & 1-step buck AVR to stabilize output voltage
- > Management software is designed to monitor and control UPS status
- > USB port and cable for managing functions via PC
- > Built-in DC start function enables UPS to be started without AC power supplied
- > Constant current, constant voltage battery charger (CCCV Battery Charger)
- > No-load shut down (UPS Green mode)
- > UPS will charge itself even though power switch is off (Off mode charging)
- > UPS will shut down upon battery low ; UPS will restart automatically upon AC recovery (Auto-restart)
- > Over / under voltage protection (UPS will go to battery mode)
- > Modem / phone line protection RJ-45
- > Lightning / surge protection 175 joules

MODEL	EML-USB 1000CR	EML-USB 2000CR	EML-USB 3000AR
CAPACITY	1000VA/600W	2000VA/1200W	3000VA/1800W
INPUT			
Voltage	110/115/120Vac or 220/230/240Vac		
Voltage Range	-30% +25%		-25% +25%
Frequency	50/60Hz auto-sensing		50Hz or 60Hz
OUTPUT			
Voltage Regulation	AC mode / Battery normal : 110/115/120Vac or 220/230/240Vac +/- 10%		
Frequency	AC mode: 47-53Hz for 50Hz or 57-63Hz for 60Hz ; Battery mode:50Hz or 60Hz +/- 1Hz		
Waveform	Simulated Sinewave		
Transfer Time	< 6ms(Typical)		
Outlet	European type * 2pcs + IEC * 4pcs / Nema5-15R * 6pcs with back-up + 2pcs surge only		
BATTERY			
Voltage	24VDC		48VDC
Type	12V/7AH*2pcs	12V/9AH*2pcs	12V/9AH*4pcs
Recharge Time	5 hours to 90% after complete discharge		
Safety Protection	Over Charge & Over Discharge Protection		
Advanced Battery Management	Yes		
DISPLAY			
LCD Display	I/P & O/P Voltage & Frequency, Load %, Battery %		
AUDIBLE ALARM			
Battery Mode	Two short tones every 8 seconds		
Low Battery	Four short tones every second		
Overload	Buzzer: Beeping continuously		
Fault	Beeping continuously		
MANAGEMENT			
Smart USB	Software supporting Windows 95/98/NT/2000/ME/XP/2003/Vista/7/8/10		
ENVIRONMENT			
Operating Temperature	0° C - 40° C (32°F~104°F)		
Humidity	0-95% (Non-condensing)		
Acoustic Noise	<40 dB at 1M		
PHYSICAL			
Dimension(W*D*H)	337mm*19**2U		530mm*19**2U

*Product specifications are subject to change without further notice.