



POWER
NEVER ENDS

FSP - Power Never Ends

fsp-europe.com

<http://fsp-europe.com/ep-series-6508501k1-5k2k/>

EP Series (650/850/1k/1.5k/2k)

EP Series 450/650/850

EP Series 450/650/850 Back

EP Series 450/650/850 Colorbox

EP Series 450/650/850 Illustration

EP Series 1000

EP Series 1000 Back

EP Series 1000 Colorbox

EP Series 1000 Illustration

EP Series 1500/2000

EP Series 1500/2000 Back

EP Series 1500/2000 Colorbox

EP Series 1500/2000 Illustration

The line-interactive EP UPS is compact and provides stable power protection against surges and spikes. It is ideal for PC users or small business companies, as well as for small telecom applications. Its embedded microprocessor controller guarantees high reliability. It can automatically shut down without any load and restart while AC power is recovering. With Simulated sine wave, cold start function, and USB/RS-232 communication port and RJ-11 phone protection, it will be a good choice.

Features:

- Excellent microprocessor control guarantees high reliability
- Boost and buck AVR for voltage stabilization
- No load auto shutdown
- Auto restart while AC is recovering
- Simulated sine wave
- Off-mode charging
- Cold start function
- Optional USB/RS-232 communication port and RJ-11 phone protection



Backup Time Table:

Model	Backup Time when the load connected to the UPS. Percentage load corresponding to the UPS maximum power.			
	25%	50%	75%	100%
EP 650 (650VA/360W)	19 min.	6 min.	30 sec.	5 sec.
EP 850 (850VA/480W)	20 min.	3 min.	8 sec.	5 sec.
EP 1000 (1000VA/600W)	25 min.	7 min. 30 sec.	1 min.	30 sec.
EP 1500 (1500VA/900W)	20 min.	6 min. 30 sec.	2 min.	1 min. 20sec.
EP 2000 (2000VA/1200W)	15 min.	5 min.	2 min.	1 min.



Specifications:

Model	EP 650	EP 850	EP 1000	EP 1500	EP 2000
Capacity	650 VA / 360W	850 VA / 480W	1000 VA / 600W	1500 VA / 900 W	2000 VA / 1200 W
Available Factory Settings	110 / 120 VAC or 220 / 230 / 240 VAC				
Input Voltage Range	81-145 / 162-290 VAC				
Input Frequency	60/50 Hz (auto sensing)				
Output Voltage	220V nominal				
Output Frequency Range	50 Hz or 60 Hz ±1 Hz				
Output Transfer Time (Typical)	Typical 2-6 ms, 10ms max.				
Output Waveform (Batt. Mode)	Simulated Sine Wave				
Battery Type & Number	12 V/ 4.5 AH x 1	12 V/ 4.5 AH x 1	12 V/ 7 AH x 2	12 V/ 9 AH x 2	12 V/ 9 AH x 2
Backup Time (One PC load@120W)	10 min.	15 min.	20 min.	25 min.	30 min.

Typical Recharge Time	4-6 hours recover to 90% capacity				
Indicators / AC Mode	Green lighting			Right green LED lighting and the 2nd to 5th green LEDs gradually lighting indicating load level	
Indicators / Battery Mode	Green flashing	Green flashing	Yellow flashing	Right green LED flashing and the 2nd to 5th green LEDs gradually lighting indicating battery capacity	
Indicators / Fault	x	x	x	Red lighting	
Overload Protection	✓				
Discharge Protection	✓				
Overcharge Protection	✓				
Alarm / Battery Mode	Sounding every 10 seconds				
Alarm / Low Battery	Sounding every second (Batt. Mode)				
Alarm / Overload	Sounding twice per second				
Alarm / Battery Replacement Alarm	Sounding every 2 seconds				
Alarm / Fault	Continuously sounding				
Outlet Sockets	Schuko, NEMA, and IEC selections		Schuko x 3 + IEC x 3/ also provide India, French, Schuko, NEMA, and IEC for selections		
Dimensions (WxHxL @ vertical stand) mm	110 x 145 x 294		145 x 165 x 345	146 x 205 x 397	
Physical Net Weight (kg)	4.25	4.9	8	11.1	11.5
Operating Environment / Humidity	0-90% RH @ 0-40°C (non-condensing)				
Operating Environment / Noise Level	Less than 40dB				



**Management /
Optional USB /
RS-232 Port**

Supports Windows® 98/2000/2003/XP/Vista/2008, Windows® 7, Linux, and MAC

Award / Reviewed by:

