

# MEPSJ60

Lithium Iron Phosphate (LiFePO4) UPS // 120VAC or 230VAC



## Slim and light weight MEPSJ60 Lithium Iron Phosphate (LiFePO4) UPS provides power outage protection for critical electronics

Xtreme Power MEPSJ60 provides the benefits of lithium battery technology in a slim form factor UPS. MEPSJ60 is ideal for providing continuous power where a conventional UPS will not fit.

Lithium battery (LiFePO4) technology allows MEPSJ60 to operate continuously at up to 40°C (104°F) without reduction in battery life.

MEPSJ60's compact design is excellent for providing protection to automation systems, video walls, PoE Switches, programmable logic controller (PLC), kiosks, industrial computers, and point-of-sale (POS) equipment.



### PRODUCT SNAPSHOT

- › Available models: 350VA/200W, 600VA/360W
- › Available 120VAC UL or 230VAC CE models
- › Power outage protection from 6 minutes to hours
- › 5 years electronics, 5 years battery warranty (USA and Canada)
- › UL, CE, RoHS, TAA compliant

### FEATURES

**Long Life Battery**—LiFePO4 batteries provide protection for up to 8-10 years or 2000 discharges

**Web/SNMP Card** —optional external card provides monitoring of critical UPS parameters, alarms and status (600VA only)

**Output Power Control** — optional Web/SNMP card provides remote on/off control of MEPSJ60 output power to reboot loads (600VA only)

**Environmental Monitoring**— optional Environmental Monitoring Device provides temperature and humidity monitoring (600VA with

Web/SNMP only)

**Highest Efficiency**—MEPSJ60 operates at up to 98% efficiency saving utility costs and reducing heat output

**Redundant BMS**— 600VA models includes dual redundant Battery Management Systems insuring cell voltage balancing, current sharing, and protection from over-charge/discharge. 350VA models include single BMS

**Mounting brackets**—allows MEPSJ60 to mount on walls, under counters, or inside enclosures

# MODEL SELECTION GUIDE

MODEL NUMBER		MEPSJ60-350	MEPSJ60i-350	MEPSJ60-600	MEPSJ60i-600
CAPACITY	Power rating	350VA (200W)	350VA (200W)	600VA (360W)	600VA (360W)
INPUT	Voltage	120VAC	230VAC	120VAC	230VAC
	Frequency	50/60Hz			
OUTPUT	Voltage	120VAC	230VAC	120VAC	230VAC
	Waveform	Sine wave (normal), simulated sine wave (battery mode)			
	Frequency	50/60Hz			
	Surge suppression	312 joules			
	Transfer time	2-6 ms (typical)			
BATTERY	Battery type	Lithium Iron Phosphate (LiFePo4)			
	Battery quantity and size	(8) LiFePO4 18650 cells, 2400mAh		(16) LiFePO4 18650 cells, 4400mAh	
PHYSICAL	Dimensions (W x D x H)	6.9 x 8.5 x 1.25 in* (175 x 216 x 32 mm)		7.3 x 10.8 x 1.6 in (185 x 275 x 40 mm)	
	Weight	3.4 lbs (1.5 kg)		4.7 lbs (2.1 kg)	
	Line cord	Detachable 5-15P to C13	C14 inlet	Detachable 5-15P to C13	C14 inlet
	Receptacles	(3) 5-15R	(2) IEC C13	(3) 5-15R	(2) IEC C13
ENVIRONMENT	Temperature	32-104°F (0-40°C)			
	Humidity	0-90%			
	Altitude	11,500 ft above sea level			
COMMUNICATIONS INTERFACE	Standard communications	USB Interface including cable and software		DB9 port provides communication and power for optional webcard	
	Web/SNMP card option	N/A		External Web/SNMP card providing UPS monitoring and receptacle On/Off control	
	Environmental monitoring device	N/A		Measures temperature and humidity (requires Web/SNMP card option)	
APPROVALS	UL-1778, cTUVus, FCC, RoHSCE, RoHS, TAA compliant (120V) CE, RoHS, TAA compliant (230V)				
WARRANTY	5 years electronics, 5 years battery warranty (USA & Canada)**				
AVAILABLE OPTIONS	DIN rail mounting kit, Web/SNMP card (600VA), Environmental Monitoring Device (600VA), power cord with offset/right angle 5-15P plug (120V units only)				
INCLUDED IN BOX	ViewPower CD, user manual, mounting brackets, 5-15P to C13 line cord (120VAC units only)				

\*Wall mount brackets add 15mm to each side. \*\*Warranty outside of USA & Canada is 3 years.

## BATTERY RUNTIMES

System Load (watts)	20	40	80	120	160	200	240	280	320	360
MEPSJ60/MEPSJ60i-350	72	35	17	11	9	7	N/A	N/A	N/A	N/A
MEPSJ60/MEPSJ60i-600	161	79	35	23	17	14	11	9	8	6

(Runtimes are shown in minutes and will vary based on battery age and site conditions.)

Optional Web/SNMP card  
(600VA only)



Remote monitoring and  
off/on control

Optional DIN Rail  
Mounting Kit



MEPSJ60-350  
DIN rail mounted



MEPSJ60-350  
rear view

1.25" (32mm)