



EOU - ELECTRIC-FUEL OUTDOOR UPS (50-500W OUTPUT POWER)

***FOR SITES WITH UNSTABLE GRID POWER
OR FREQUENT POWER OUTAGES
OPTIONAL MOUNTING WITHIN POLE OR CABINET***

- ***1/5TH THE WEIGHT****
- ***5 TIMES LONGER LIFE****
- ***REMOTE MONITORING***

*Compared to standard Lead/Acid solutions.

Designed to supply DC power 24/7 to outdoor electronic equipment at sites with unstable power or frequent power outages. EOU guarantees stable power to security cameras and telecom systems in rural and smart city sites. Electric Fuel's EOU is an innovative and efficient UPS, leveraging Electric Fuel's highly advanced and safe Lithium maintenance-free battery technology

SYSTEM

- Quiet, safe and reliable operation in heavy dust, rain and snow
- Compact fan-less design utilizing free air convection for cooling
- Remote monitoring using SMBus or Ethernet port
- Real-time monitoring and control
- Modular - add 50W modules as required up to 200W
- Compact outdoor pole/wall mounted system
- Designed to blend into the environment when mounted on streetlight poles

LITHIUM BATTERY

- With MIL-SPEC safety features
- Operates in extreme temperatures 0°C to +50°C (optional -40+50°C)
- No maintenance required
- 5 year service life

ADVANCED POWER

WWW.ELECTRIC-FUEL.COM

SYSTEM SPECIFICATION

	EOU48V/50W	EOU48V/200W	EOU48V/350W	EOU48V/500W
Input				
Input Voltage	90-260VAC 47-63Hz			
Current (Typ.)	4-8A			
Output				
Output power	50W	200W	350W	500W
Output voltage	52-39VDC			
Output Max current	5A	5A	10A	13A
Technology				
Battery	Lithium Ion			
Power supply and charger	High efficiency power supply			
Communication	SMBus communication protocol Optional: Ethernet communication			
Alarms & data	Remaining backup time, Number of cycles, AC Fail, Overload, Over temperature, Replace battery			
Battery				
Capacity	2.5Ah	2.7Ah	5Ah	5Ah
Backup time	1hr	20min.	24min.	15min.
Operational life	5 years			
Battery safety protection	Under/over voltage Under/over current Short circuit Temperature			
Charge time (min)	12 hours			
Ambient temperature	0°C to 50°C Optional: Heating mechanism for operation below 0°C			
Humidity	20 ~ 95% RH non-condensing			
Storage Temp	Recommended 20°C. 10 ~ 95% RH			
Standard	CE (for power supply), UL-1642 (for battery cell), UN38.3 (for battery transportation)			
Mechanical				
Outdoor Cabinet	40X30X20 CM			
Battery Dimension cm**	24.5X7.4X3 / 0.7kg.		24.5X7.4X6 / 1.4kg	
Power supply dimensions	17.5x6.2x4cm/ 0.75kg.	22x7x4cm/ 1.2kg.	27x13x4.5cm/ 2.8kg.	28x15x5cm/ 3.9kg.
Interconnection	2 x PG9 Waterproof connectors			
Mounting	Provision for both wall and pole mounting			
IP Rating	IP65			
Cooling	Free Convection			

Product specifications are subject to change without further notice
** Custom power/size available

COMPANY PROFILE

Electric Fuel is the industrial and medical brand of Epsilon-Electric Fuel Ltd., a world leader in the development and production of mobile energy storage products. Experts in a wide range of electrochemistries, including Lithium Ion, Lithium Polymer, and Zinc Air, and working with clients from the medical, automotive and aerospace sectors, Epsilon-Electric Fuel has the broad-based experience needed to create the optimal portable battery solution for the most challenging applications. Epsilon-Electric Fuel is part of the power systems division of Arotech Corporation (Nasdaq: ARTX). The division operates from R&D and manufacturing facilities in the United States and in Israel.

HOW CAN WE HELP YOU? CONTACT ELECTRIC FUEL AT:



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