

# EMILYCube 2500

## All-In-One Silent Field Charging Station



SFC's new energy solution is a portable charging station with high energy density, supplying power whenever and wherever needed. EMILYCube 2500 combines a 100 W fuel cell, a 6.8 Ah li-ion battery and a 10 liter fuel cartridge, all in one compact, lightweight case. It is a turnkey energy solution for silently powering field chargers, remote sensors or even doppler velocity radars.



- 🟢 Turnkey Energy Solution
- 🟢 High Energy Density
- 🟢 Silent and stand-alone
- 🟢 Hot-swap fuel cartridges
- 🟢 Ruggedized for military and robust industrial applications

Technical Data	
Nominal Power	100 W
Peak Power	150 W for 2 minutes
Nominal Voltage	15 – 30 V DC (8 – 33 V upon request)
Max. Energy Output	2500 Wh/day
Weight	13.5 kg (29.8 lbs.) dry weight 21.9 kg (48.3 lbs.) including M10 (10 l) cartridge
Dimensions L x W x H	394 x 305 x 384mm (15.5 x 12 x 15.1 in.)
Energy storage	11 kWh
Runtime with 1 cartridge	~100 h @100 W continuous

Environmental characteristics	
Operating temperature	- 25 °C to + 50 °C (-13°F to +122°F)
Warranty	2 years / 3000 operating hours
Water resistance	to be qualified to IP-54
Vibration	MIL-STD-810G Table 514.6C-IV
Sand & Dust	MIL-STD-810G method 510.5 procedure I
Drop-test	MIL-STD-810G method 516.6 procedure IV
EMI/EMC	MIL-STD 461, RE102-3, RE102-4
Noise	to be qualified to < 35 dB(A) @ 1 m

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