EcoFlow OCEAN
Meter Backup Switch (Dual Units)

The Meter Backup Switch is an Automatic Transfer Switch (ATS) that is compatible with the EcoFlow home energy storage system OCEAN Pro, and is capable of achieving off-grid and on-grid control of a home power grid. The Meter Backup Switch consists of two parts—a meter collar(named as MSA) and a communication adapter box(named as MBS-) . The Meter Backup Switch automatically detects grid outages, providing a seamless transition to backup power. It communicates directly with EcoFlow OCEAN Pro, allowing home energy usage monitoring with the EcoFlow app.





Product	Product Name	EcoFlow OCEAN Meter Backup Switch (Dual Units)
	Model number	EF-MBS-002

Performance	Grid Interface	United States
	Grid Type	Split phase
	Nominal Grid Voltage (Input & Output)	120/240 VAC
	Frequency	60Hz
	Voltage Detection (L1-L2)	+/-1% accuracy
	Rated Current	200A
	Current Detection	+/-0.5% accuracy
	Relay Switch Time	≤15ms
	Operating Noise @ 1 m	≤10dB
	Warranty	15 years
	Maximum Power Consumption	≤5W

Environmental	Operating Temperature	-22°F to 149°F (-30°C to 65°C)
	Storage Temperature	-40°F to 176°F (-40°C to 80°C)
	Relative Humidity	0% to 100%, condensing
	Environment	Outdoor rated
	Enclosure Rating	NEMA 3R
	Pollution Rating	PD3
	Maximum Elevation	9842 ft (3000 m)

Structural	Dimensions (W*H*D)	5×7.9×3 inches（W*H*D）
	Weight	5.55 lbs (2.52 kg), with Connection Module and 6 ft analog cable

Compliance Information	Safety	System UL1741, UL3141