

No. 11



Eco Marine Power Co., Ltd.

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AHTS	PSV	FPSO	Drill Ship	Semi-sub
▶	▶	▶	▶	

Product

Energy Storage and Marine Batteries

Supplied in co-operation with :



Type		FCR-50-12	FCR-100-6
Nominal Voltage / V		12	6
Rated Capacity [10hr-rate] /25deg.C Ah		50	100
Nominal Energy / Wh		600	600
Mass / kg (approx.)		22.5	22.0
Dimensions / approx. mm	Height	220	220
	Width	128	128
	Depth	363	345
Discharge capacity / 25deg.C Ah EODV: 1.8V/cell	0.1C _{10A}	50	100
	0.16C _{10A}	42.5	85
	0.23C _{10A}	37.5	75
	0.4C _{10A}	30	60
Mass energy density / Wh/kg		26.7	27.3
Estimated cycle life/25deg.C *1	DOD _{0.23CA} 70% *2	3500	3500

*1 : Cycle life, which widely varies depending on the operating temperature, use, and other conditions, is not guaranteed value.

*2 : DOD_{0.23CA}70% : 37.5Ah × 0.7 = 26.3Ah(FCR-50-12), 75Ah × 0.7 = 52.5Ah(FCR-100-6)



- Marine or coastal photovoltaic (PV) systems
- Offshore renewable energy facilities
- Emergency & back-up power applications
- Energy storage for ship or marine solar power
- Various types available including FCP, FCR series

High quality and long life batteries can be supplied either as part of an integrated marine renewable energy solution or supplied as standalone battery packs or individual units.

Batteries can also be supplied in frames or with pre-configured mounting racks that can be assembled on site. These batteries are also suitable for land-based applications and land-based renewable energy projects.

FB Contributing to the Future
THE FURUKAWA BATTERY CO., LTD.

Certifications / Applicable rules

High Quality. ClassNK Approved.