

**LiFe Power Technology provides advanced lithium iron phosphate energy storage solutions.**

The **Oasis** Battery Series is made for renewable energy storage. High energy storage efficiency and allows fast recharge, it captures most of the energy generated by the solar panel or wind generator. It is built with lithium iron phosphate cell, it offers light weight with extremely high cycle, long calendar life and this battery is capable of very high energy output. This is also design to use in the extreme temperature range (-20°C to 55°C).

SPECIFICATION	OASIS 48V100
Nominal Voltage	48V
Nominal Capacity(C/5@25°C)	100Ah
Internal impedance (1kHz AC)@25°C	<10 mΩ
Weight (Rack not included)	Approx. 70 kg
Dimension	450*370*200 mm
Specific Energy(Cell)	108Wh/kg
Max. cont. discharge@25°C	100A
Max. pulse discharge@25°C (1s)	150A
Discharge cut-off voltage@25°C	38.4V
Charge Current	< 100A
Charge Voltage	58.4V ±0.1V
Cycle life at C/2 discharge, 100%DOD@25°C	2000
Cycle life at 1C discharge, 20%DOD@25°C	4500
Discharge temperature range	-20°C to 55°C
Charge temperature range	0°C to 55°C
Storage temperature range	-40°C to 55°C

