

TECHNICAL DATASHEET · RACK BATTERY 51.2 V

LiFePO4 51.2V EcoSolaris 280Ah 14.33kWh

EcoSolaris LiFePO4 storage



Lithium iron phosphate storage battery for solar systems, rated 280 Ah at 51.2 V DC for 14.33 kWh of usable storage. Round-trip efficiency is 98 percent. Up to 16 units connect in parallel, and built-in Bluetooth allows the pack to be monitored from a phone.

Price on request

EcoSolaris LiFePO4 storage

EcoSolaris technical support

Technical specifications

Capacity	280 Ah / 14.33 kWh
Energy storage	14,336 Wh
Nominal voltage	51.2 V DC
Operating voltage range	43.2 V - 58.4 V
Recommended charge voltage	57.6 V
Maximum charging current	100 A
Maximum discharging current	150 A
Dimensions (w x h x d)	412 x 680 x 231 mm
Efficiency	98%
Parallel connection	up to 16 units
Cells	EV grade
Monitoring	Bluetooth included
Protection	Fire and short-circuit protection
Weight including wooden crate	150 kg

Features

- LiFePO4 chemistry
- 98% round-trip efficiency
- Bluetooth monitoring
- Fire and short-circuit protection
- Up to 16 units in parallel
- Rack format

Recommended applications

Solar storage

Hybrid systems

Off-grid systems

Commercial backup

Compatible inverters: Victron Energy, Growatt, Sungrow, ABB, MPP Solar, Deye and others.