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TECHNICAL DATASHEET · RACK BATTERY 51.2 V

Battery 5kWh LiFePo4 51.2V EcoSolaris 100Ah 5.13kWh

EcoSolaris LiFePO4 storage

Compact lithium iron phosphate storage battery rated 100 Ah at 51.2 V DC, for 5.13 kWh of storage. Round-trip efficiency is 98 percent. Suited to homes and small commercial installations, with up to 16 units connectable in parallel.

Price on request | EcoSolaris LiFePO4 storage | EcoSolaris technical support

Technical specifications

Capacity	100 Ah / 5.13 kWh
Energy storage	5,130 Wh
Nominal voltage	51.2 V DC
Operating voltage range	50.8 V - 54.40 V
Recommended charge voltage	54.4 V
Maximum charging current	25 A
Maximum discharging current	50 A
Dimensions (w x h x d)	390 x 650 x 150 mm
Efficiency	98%
Parallel connection	up to 16 units
Cells	EVE
Protection	Fire and short-circuit protection
Weight including wooden crate	47 kg

Features

- LiFePO4 chemistry
- 98% round-trip efficiency
- EVE cells
- Fire and short-circuit protection
- Up to 16 units in parallel
- Compact rack format

Recommended applications

Residential storage | Small commercial | Hybrid systems | Backup power

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

Informative document. Specifications may be updated without prior notice. Images are illustrative. Price on request.