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TECHNICAL DATASHEET · SERIES K CYLINDRICAL LIFEPO4

Solar LiFePO4 Battery Integrated in Pole - Series K

In-pole battery



Cylindrical lithium iron phosphate battery for mounting inside a solar lighting pole. The IP67 aluminium alloy housing removes the need for an external battery box, keeps the installation tidy and protects the pack from weather, theft and temperature swings.

Price on request | In-pole battery | EcoSolaris technical support

Technical specifications

Cell chemistry	LiFePO4 (32700 / 32140)
Nominal voltage	12.8 V (model K2490: 25.6 V)
Capacity	60 Ah / 90 Ah depending on model
Models	K1260, K1290, K2460, K2490
Cycle life	over 4000 cycles
Depth of discharge	60%
Protection rating	IP67 (waterproof)
Housing	Aluminium alloy
Dimensions (length x diameter)	from 340 x 150 mm to 1200 x 150 mm
Net weight	5.5 - 15.5 kg depending on model
Operating temperature	-10 degrees C to 45 degrees C
Warranty	3 years

Features

- Mounts inside the pole
- IP67 aluminium housing
- Over 4000 cycles
- Four capacity options
- No external battery box
- Cells matched for uniform behaviour

Recommended applications

Solar street lighting | Autonomous CCTV | Solar advertising panels | Municipal projects

> The cylindrical format drops straight into the pole, which cuts installation and maintenance cost.

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