



Forster Smart Power

Sealed lithium iron sulphate battery (LiFePO4) | Prismatic Smart Cells (PSC) | absolutely maintenance-free

Art.No.

CS12-050

Volt	12,8V
Capacity	50 Ah (c20), 640 Wh
CCR -18°C (EN)	-
Electrolyte	
Electrolyte density	
Size (LxWxH)	197 x 165 x 174 mm
Weight	5,9 kg
Pos. of Terminal	0
Terminal	F-M8
Bodenleiste	-



Usage



Versatile, powerful and affordable

Forster Smart Power: The smart lithium-ion battery for caravans, campers and solar systems

The Forster Smart Power series offers versatile and powerful LiFePO4 batteries (also known as LFP batteries or LiPO batteries) that have been specially developed for use in demanding environments. Whether as a battery in a motorhome or as an efficient PV battery - this system offers a reliable energy supply at an attractive price-performance ratio. Thanks to state-of-the-art Prismatic Smart Cells (PSC), maximum space utilization is achieved with maximum performance. The integrated battery management system (BMS) is based on the latest microcontroller technology and continuously protects the lithium-ion battery against overload, overvoltage and deep discharge. This battery management system also ensures even utilization and a particularly long service life thanks to active cell balancing.

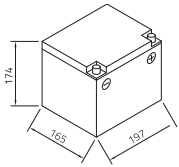
Technical highlights and features:

- » **Extreme temperature range:** The innovative frost protection management (FSM) and automatic cell heating enable this camper battery to operate at temperatures as low as -30 °C.
- » **High cycle stability:** With up to 3,500 cycles at 80% depth of discharge (DOD), the lithium battery offers an extremely long life expectancy.
- » **Weight advantage:** Compared to conventional batteries of the same capacity, weight and space savings of up to 75% can be achieved.
- » **Flexible installation:** The caravan battery can be installed in any position - upright, lying down or upside down.
- » **Smart monitoring:** The charge status of this smart battery can be viewed at any time using the free app via Bluetooth.
- » **Scalability:** The capacity can be expanded by connecting up to four batteries of the same type in parallel to meet increased energy requirements as a battery for solar systems.

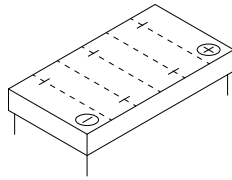
As a ready-to-install and absolutely maintenance-free camping battery, these lithium batteries are the ideal choice for a wide

range of power supply applications. The screwed housing in accordance with the DIN standard also underlines the service-friendliness of this supply battery.

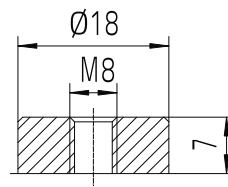
Size



Pos. of Terminal 0



Terminal F-M8



Bodenleiste -

As of 09.09.2026