

LiFePO4 lithium battery — 51.2 V low voltage

Stackable 5 and 10 kWh modules · for 48 V hybrid inverters

5 / 10 kWh
PER MODULE

51.2 V
LOW VOLTAGE

6,000
CYCLES @80% DOD

10 YEARS
WARRANTY

- **Low voltage 51.2 V** — this is the battery that works with the 48 V hybrid inverters in this same range.
- **Stackable** — the user starts at 5 or 10 kWh and grows later by adding a module.
- **Cobalt-free LiFePO4 chemistry** — the safest and the longest-lived.
- **6,000 cycles at 80 % depth of discharge** — over 15 years at one cycle a day.
- **Built-in BMS with RS485 / CAN** — direct dialogue with the inverter.
- Indoor installation, natural convection cooling: no fans and no maintenance.

5 KWH MODULE	
Voltage / Capacity	51.2 V / 100 Ah
Energy	5.12 kWh
Chemistry	LiFePO4
Service life	6,000 cycles @ 80% DOD
Recommended charge	50 A
Max charge / discharge	100 A / 100 A
Dimensions	610 × 225 × 250 mm
Weight	48.5 kg

10 KWH MODULE AND COMMON DATA	
Voltage / Capacity	51.2 V / 200 Ah
Energy	10.24 kWh
Dimensions and weight	Per factory — confirmed at order
Communication	RS485 / CAN
Charge temperature	0 °C ~ +55 °C
Discharge temperature	-20 °C ~ +60 °C
Relative humidity	5% ~ 95%
Installation	Indoor · natural convection
Certifications	IEC 62619 · UN 38.3 · CE · MSDS
Warranty	10 years

Datasheet prepared by ICO GP, S.A. from official factory documentation. Dimensions and weight of the 10 kWh module are confirmed at order. Specifications subject to change without notice. Rev. 08/2026.