

## Dyness Powerbox G2 10,24kWh

Product code: **ME.Battery.Dyness.05.LV**



Dyness Powerbox G2 10.24 kWh – Reliable Energy Storage for Modern PV Installations

The Dyness Powerbox G2 is an advanced energy storage system based on Lithium Iron Phosphate (LiFePO4) technology, designed for reliable power supply to households and commercial facilities. With its compact design, IP65 protection rating, and expandability up to 122.88 kWh (12 units), the Powerbox G2 is a flexible solution for indoor and outdoor use. Built-in fire protection and optional battery heating ensure maximum safety even in extreme climatic conditions.

### Product variants

Index	Price
<p><b>Dyness Powerbox G2 10,24kWh</b>  <b>ME.Battery.Dyness.05.LV</b></p>	<p>Product prices only visible after login. If you do not have an account, please register.</p>

### Product description

Dyness Powerbox G2 10.24 kWh – Reliable Energy Storage for Modern PV Installations

The Dyness Powerbox G2 is an advanced energy storage system based on Lithium Iron Phosphate (LiFePO4)

technology, designed for reliable power supply to households and commercial facilities. With its compact design, IP65 protection rating, and expandability up to 122.88 kWh (12 units), the Powerbox G2 is a flexible solution for indoor and outdoor use. Built-in fire protection and optional battery heating ensure maximum safety even in extreme climatic conditions.

Why choose Dyness Powerbox G2?

Large capacity and scalability – 10.24 kWh nominal energy in one unit and the ability to operate in parallel with up to 12 modules (up to 122.88 kWh).

Industrial-grade safety – built-in active fire protection system (aerosol) and optional cell heating function for low temperatures.

Efficiency and durability – over 6000 cycles (unlimited use under warranty), 10-year manufacturer's warranty, and up to 95% depth of discharge.

Compactness and easy installation – 15% lighter and 30% smaller than previous generations, for wall-mounted or freestanding installation.

Compatibility with leading inverters – works with brands like GoodWe, Deye, Solis, Victron, Sungrow, SMA, and many others.

Technical Specifications:

General Parameters:

Cell Type: LiFePO4

Nominal Energy: 10.24 kWh

Usable Energy: 9.728 kWh

Operating Voltage: 44.8 – 57.6 V

Nominal Voltage: 51.2 V

Rated Capacity: 200 Ah

Recommended Depth of Discharge: 95%

Power and Efficiency:

Nominal Charge/Discharge Power: 5.12 kW

Max. Discharge Power: 10.24 kW

Recommended C-rate: 0.5C

Maximum C-rate: 1C

Nominal Current: 100 A

Maximum Discharge Current: 200 A

Environmental Conditions and Construction:

Charging Temperature: 0 – 55°C

Discharging Temperature: 0 – 55°C (with heating -20 – 55°C)

Protection Rating: IP65

Weight: 95 kg (without glass front) / 98 kg (with glass)

Dimensions: 710 × 165 × 640 mm

Mounting: Wall-mounted or freestanding

Communication: CAN / RS485

Connectivity: Built-in Wi-Fi, mobile app, OTA updates

Expandability: Up to 12 units in parallel

Safety and Certificates:

Active Fire Protection System: YES (aerosol)

Cell Heating Function (optional): YES

Certifications: UN38.3, IEC62619, IEC62040, CEC, CE RED

Inverter Compatibility:

GoodWe, Victron, SMA, Deye, Solis, Ingeteam, Voltronic, Delios, Sungrow, and others.

Opt for Safe and Flexible Energy Storage with Dyness

The Dyness Powerbox G2 10.24 kWh is a modern, scalable, and safe solution for anyone looking to maximize the potential of their photovoltaic installation and independently manage energy in their home. Ensure reliable power supply, lower bills, and an eco-friendly lifestyle – with Dyness products, it's possible.

---