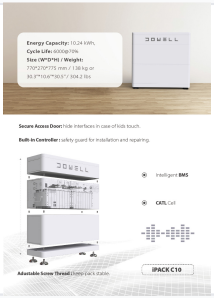
Residential Energy Storage Battery Pack

This battery pack series stores electricity for residential energy systems. The LFP cell technology ensures a long service life.

ADDITIONAL IMAGES

Overview



The iPack C10 unit features a secure access door, adjustable screw threads for stability, and an integrated BMS.

High-Performance Residential Energy Storage

The iPack series offers a robust and scalable energy storage solution specifically designed for residential applications. Utilizing advanced Lithium Iron Phosphate (LFP) technology, these units ensure long-term reliability with a service life designed for 10 years. The system features a modular design, allowing for flexible capacity configuration, silent operation, and seamless integration into modern smart homes.

Electrical Specifications

Rated Voltage	51.2 V
Cell Capacity	100 Ah
Depth of Discharge	90 %
Max Charge/Discharge Current	75 A

Performance Metrics

Key Performance Indicators

6000 cycles	55 °C	4 units
Cycle Life	Max Operating Temp	Max Parallel Units

Physical and Environmental

IP Protection

IP55

Cooling Strategy	Natural Convection
Installation	Floor Standing, Wall-mounted

Model Comparison

Detailed technical specifications and model comparison chart for the iPack series.

Model Specifications

Model	Energy Capacity	Weight
IPACK C5	5.12 kWh	70
IPACK C10	10.24 kWh	123
IPACK C15	15.36 kWh	176
IPACK C20	20.48 kWh	229

Certifications

Safety Standards	IEC62619, UN38.3