

# Residential Energy Storage Battery Pack

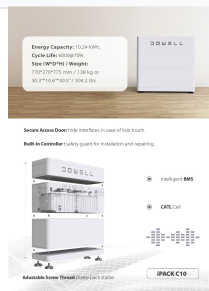
This battery pack series stores electricity for residential energy systems. The LFP cell technology ensures a long service life.



## 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**

Cycle Life

**55 °C**

Max Operating Temp

**4 units**

Max Parallel Units

## Physical and Environmental

### IP Protection

IP55

### Cooling Strategy

Natural Convection

### Installation

Floor Standing, Wall-mounted

## Model Comparison

MODEL	IPACK C5	IPACK C10	IPACK C15	IPACK C20
Energy Capacity	5.12 kWh	10.24 kWh	15.36 kWh	20.48 kWh
Weight	70 kg	123 kg	176 kg	229 kg
Max Operating Temp	55 °C	55 °C	55 °C	55 °C
Cycle Life	6000	6000	6000	6000
Max Parallel Units	4	4	4	4
IP Protection	IP55	IP55	IP55	IP55
Cooling Strategy	Natural Convection	Natural Convection	Natural Convection	Natural Convection
Installation	Floor Standing, Wall-mounted	Floor Standing, Wall-mounted	Floor Standing, Wall-mounted	Floor Standing, Wall-mounted
Dimensions (HxWxD)	100x100x100	100x100x100	100x100x100	100x100x100
Warranty	5 Years	5 Years	5 Years	5 Years

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