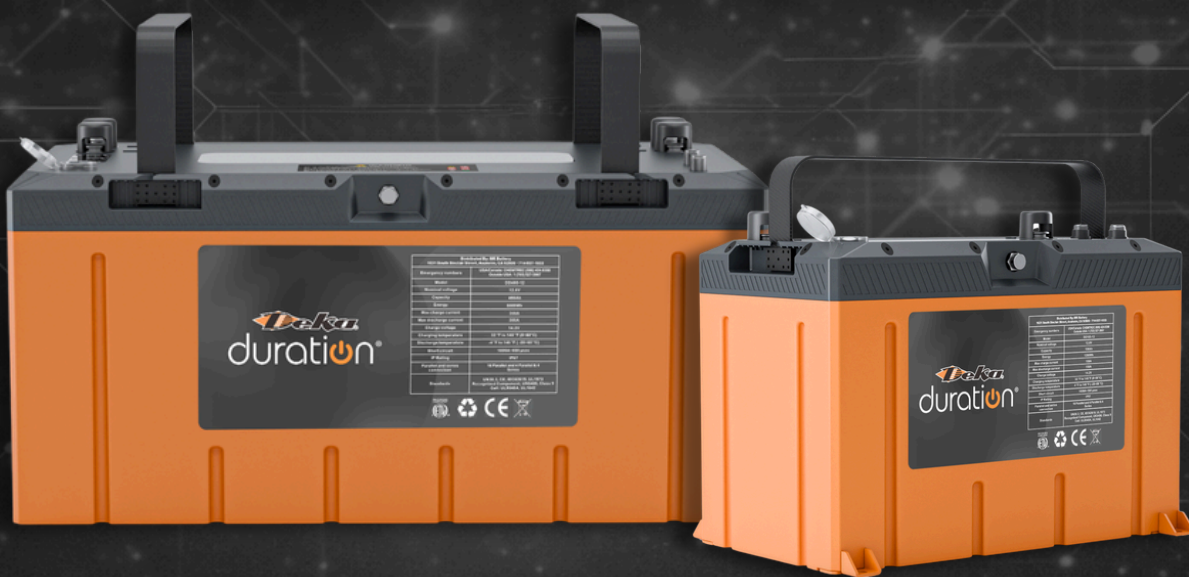


# DEKA DURATION



# SMART LFP BATTERIES

# TESTED. RELIABLE. TRUSTED.



## FEATURES

### 12V LiFePO<sub>4</sub>

12.8V nominal lithium iron phosphate chemistry

### Certified

Cell-level UL 9540A testing, UN38.3, UL 1973 Recognized Component, IEC 62619, CE

### Integrated BMS

Built-in protection and system management

### IP67 Rated

Dust-tight and water-resistant enclosure

### Fire-Rated Housing

ABS + PC industrial enclosure

### Heated Options

Reliable performance in cold climates

### Monitoring

Real-time battery monitoring and diagnostics

## PERFORMANCE

### 99% Efficiency

Optimized energy utilization

### Extended Cycle Life

Up to 6,000 cycles

### 1C Charge / Discharge

Fast Charge and Discharge rate

### Cell Balancing

Optimizes battery performance and longevity

### Smart Communication

Battery to inverter and battery to battery communication

### Up to 100% DoD

Deep Cycle performance

### Optimal Duty Cycle

Low heater consumption

## BENEFITS

### Drop-in Replacement

Group 27 and 8D footprint

### Long Service Life

Lower replacement frequency

### Maintenance-Free

Set-and-forget lithium performance

### Expandable Systems

Scalable configurations with up to 16 batteries

### Reliable Operation

Advanced protection for safe, stable performance

### Low Total Cost of Ownership

Reduced replacement and maintenance costs

## APPLICATIONS

- Security & Surveillance ● Utility Providers ● Railways and Transportation ● RV
- Oil & Gas ● Traffic Management ● Renewable Energy / Off-Grid Systems ● Marine

Model	Ah Capacity	Weight - lbs (kg)	Dimensions - L x W x H - Inches (mm)	Temperature
DD100-12	100	26.0 (11.8)	12.1 x 6.6 x 8.3 (307.3 x 167.6 x 210.8)	Discharge: -4° to 140°F (-20 to 60°C) Charge: 32° to 140°F (0° to 60°C)
DD300-12	300	81.8 (37.1)	19.7 x 10.4 x 9.2 (500.3 x 264.2 x 233.7)	Discharge: -4° to 140°F (-20 to 60°C) Charge: 32° to 140°F (0° to 60°C)
DD460-12	460	98.1 (44.5)	19.7 x 10.4 x 9.2 (500.3 x 264.2 x 233.7)	Discharge: -4° to 140°F (-20 to 60°C) Charge: 32° to 140°F (0° to 60°C)
DD100-12H*	100	26.5 (12.0)	12.1 x 6.6 x 8.3 (307.3 x 167.6 x 210.8)	Charge & Discharge: -4° to 140°F (-20 to 60°C)
DD300-12H*	300	82.7 (37.5)	19.7 x 10.4 x 9.2 (500.3 x 264.2 x 233.7)	Charge & Discharge: -4° to 140°F (-20 to 60°C)
DD460-12H*	460	99.2 (45.0)	19.7 x 10.4 x 9.2 (500.3 x 264.2 x 233.7)	Charge & Discharge: -4° to 140°F (-20 to 60°C)

\*Heated Model

MK Battery: 1631 South Sinclair Street • Anaheim, California 92806

Toll Free 800-372-9253 • Tel 714-937-1033 • Fax 714-937-0818 • Website: [www.mkbattery.com](http://www.mkbattery.com) • Email: [sales@mkbattery.com](mailto:sales@mkbattery.com)

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