

# Dura5 HV

## Three Phase High Voltage Battery









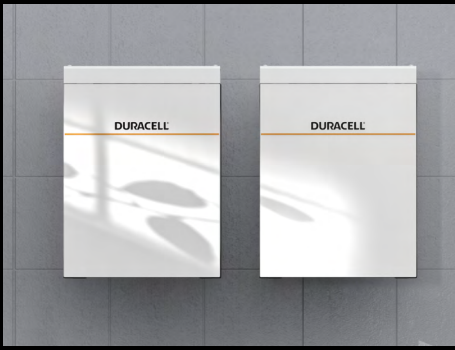
## Dura5 HV

### 51.2V 100Ah LiFePO4

This 5.12kWh battery utilises the safest and highest performing chemistry; lithium iron phosphate.

#### Key Features

-  Plug-and-play (all cables/brackets included)
-  Inverter-ready HV batteries
-  Modular 1-16 batteries in parallel per inverter
-  Integrated smart BMS in each module
-  Self-extinguishing cells
-  10 Year warranty



**DURACELL**<sup>®</sup>  
ENERGY

**Dura5 HV battery  
compatible with  
Dura-i HV &  
Solis Inverters**

## Dura5 HV 5.12KWh LiFePO4 Technical Specification

Product	Dura5 HV
Model No.	PD-5KWH-HV
Standard Discharge Capacity	100Ah
Charge Current	0.8C standard
Discharge Current	0.8C standard
Operating Temperature(°C)	-10°C ~ 60°C
Nominal Energy (Ah)	100Ah
Battery Module energy (kWh)	5.12kWh
Useable energy (kWh)	4.6kWh
Nominal voltage (V)	51.2V
Operating voltage range per module	380V to 420V
Short circuit protection	Included
Dimensions (mm, W x H x D)	509 x 687.5 x 139mm (163.5mm with stacking clip)
Weight (kg)	58kg±1kg
Scalability	1-16 BATS
Installation	Stack or wall-mount
Cooling	Natural Convection
Fire Detection & auto-extinguishing cells	Yes
Display	LED Indicator
Operating altitude (m)	0-3000m (Derating above 2000m)
Relative humidity (%)	5% ~ 95%
Ingress protection degree	IP65
Safety	CE, IEC62619, UN 38.3, UKCA
Cell technology	LiFePO4
Communication ports	CANBUS
Cycles	8000
Warranty (years)	10 years

The range of output voltage and frequency may vary depending on different grid codes. Specifications are subject to change without advanced notice. Duracell is a registered trademark of Duracell Batteries BV and Duracell U.S. Operations, Inc., used under license. All rights reserved. Manufactured under license and warranty supported by Puredrive Energy Limited in Toddington, UK. NEITHER DURACELL BATTERIES BV, DURACELL U.S. OPERATIONS, INC., NOR ITS AFFILIATES ARE INVOLVED IN THE DESIGN, MANUFACTURE, MARKETING OR DISTRIBUTION OF THE PRODUCTS AND THEY DO NOT MAKE ANY (AND HEREBY DISCLAIM ALL) EXPRESS OR IMPLIED WARRANTIES RELATING TO THE PRODUCTS.

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