

Dura5

Stack or Wall-Mount Battery










Dura5

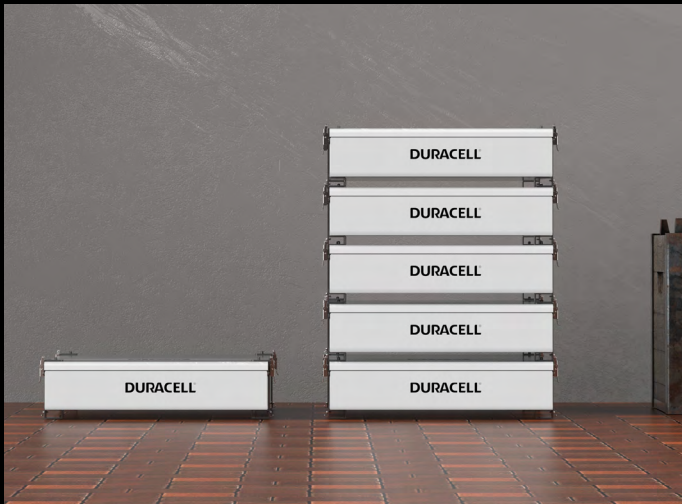
51.2V 100Ah LiFePO4

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

The Dura5 boasts a 10 year warranty and 1C operation allowing you to charge each battery by 100A.

Key Features

-  1C/1C charge and discharge
-  Plug-and-play (all cables included)
-  Master BMS autoselect
-  Modular up to 32 units (stacks of 16)
-  Module-level auto-balancing.
Add additional batteries at any time
-  10 Year warranty
-  IP65 protection



Stack (16 x 2)



Wall-Mount

Dura5 5.12KWh LiFePO4 Technical Specification

Product	Dura5
Model No.	PD-5KWH-50V-2G
Battery module energy (kWh)	5.12kWh
Useable energy (kWh)	4.6kWh
Max output power (A)	100A
Peak output power (A)	110A
Nominal voltage (V)	51.2Vdc
Operating voltage range (single phase)	43.2V-56.8V
Dimensions (mm, W x D x H)	490 x 105 x 688mm
Weight (kg)	46±1kg
Installation	Stackable or Wall-mount
Operating temperature (°C)	-10°C~+55°C
Operating altitude	0-3000m (Derating above 2000m)
Enclosure Protection Rate	IP65
Environment	Indoor/Outdoor
Relative humidity	5%~95%
Cooling	Natural Convection
Display	LED Indicator
Cell technology	LiFePO4
Scalability	Max 32 Systems In Parallel Operation
Communication ports	CAN / RS485
Cycles	8000
Warranty	10 years

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. Duracell Energy reserves the right to modify the technical datasheet and appearance of the product in the catalogue without prior advice to users. 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.

