

Dura16 LV Home Battery



Dura16 LV 51.2V 314Ah LiFePO4

This 16kWh battery system utilises the safest and highest performing chemistry; lithium iron phosphate.

The Dura16 LV battery boasts 8000 cycles and can charge/discharge at 130A.

Key Features

-  Plug-and-play (all cables included)
-  Intelligent BMS
-  Fanless design - no noise
-  Module-level auto-balancing.
Add additional batteries at any time.
-  10 year warranty
-  IP65 protection - suitable for outdoors

Dura16 LV Technical Specification

Product	Dura16 LV Battery
Model No.	PD-16KWH-50V-1G
Battery module energy (kWh)	16kWh
Useable energy (kWh)	14.4kWh
Max. Charging/Discharging current (A)	130A
Battery Max. Power (kW)	6.6kW
Nominal voltage (V)	51.2V
Operating voltage range (single phase)	43.2V-58.4V
Dimensions W x H x D (mm)	(520 ± 2.0) × (860 ± 2.0) × (236 ± 2.0)mm
Product weight (kg)	122kg
Packaged weight (kg)	135kg
Installation	Wall-mount
Operating temperature (°C) charge/discharge	-10°C ~ 60°C / -20°C ~ 60°C
Operating altitude (m)	≤3000m
Operating humidity range	5-85% RH
Enclosure Protection Rate	IP65
Environment	Indoor/Outdoor
Storage temperature range (°C) within 1 month/within 1 year	-20°C~ 45°C / 0°C~ 35°C
Storage humidity range	<60% RH
Cooling	Natural Convection
Display	LED Indicator
Cell technology	LiFePO4
Scalability	Max 12 systems in parallel operation
Communication ports	CAN / RS485
Cycles	8000
Energy throughput	100MWh
Warranty	10 years

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