ENERSHARE

HV
10KWh

Battery
—

Residential ESS
ES 4020 – HV Series

⟳ Up to 10 Years of Service Life > 6000 Cycles

▦ Compact modular design

10 Deliver up 10kWh with a single module

🛡 Multiple Safety and fault protection setting

☾ Sleep mode and Permanent failure mode

⬡ Intelligent battery management system inside

How to save utility bill from Residential ENERSHARE ESS?

Products Features

The Energiecel residential energy storage system (RESS) ENP4020 series battery packs can work with a solar energy storage systems and optimize system performance, absorb excessive PV electricity and supply power for residence whenever needed. This product can be wall mounted or floor mounted and allows for parallel connection.

Application Scenarios

+ Residential Applications
+ Small Commercial or industrial application
+ Micro off-grid systems.

Datasheet (400V)

Battery Data	
Model No	ENP4020
Number of Power Modules	1
Battery Module Energy	10kWh
Useable Energy	9.8kWH
Max output power	5kW
Peak output power	7kW, 10s
Nominal voltage	400V
Operating Voltage Range (Single Phase)	350V-430V
General Data	
Dimension (W/D/H)	1470x110x600mm
Weight (included floor stand toolkit)	90Kg
Power Module Dimension (W/D/H)	20x110x600mm
Power Module weight	8Kg
Battery Module Dimension (W/D/H)	1200x110x600mm
Battery Module Weight	80Kg
Installation	Floor Stand (Standard), Wall mount (optional)
Operating temperature	-10℃ ~ + 55℃
Operating altitude	0-4,000 m (Derating above 2,000 m)
Environment	Indoor/Outdoor
Relative humidity	5%~95%
Cooling	Natural convection
Protection rating	IP65
Noise emission	<29dB
Features	
Cycle Life	> 6000 (@ 25℃, DoD 90%)
Display	SOC Status indicator LED Indicator
Cell Technology	Lithium-iron phosphate (LiFePo4)
Parallel Connection	Max 3 Systems in parallel operation
Communication ports	CAN2.0 / RS485
Warranty	5~10 Years
Product certification CE, IEC 62619, UL1973, UN 38.3, RoHS	