

EESTORE-(5-30)

Smart String Energy Storage System



More Usable Energy

100% Depth of Discharge
Pack Level Energy
Optimization



Flexible Investment

5kWh Modular Design,
Scalable from 5 to 30 kWh



Safe & Reliable

Lithium Iron Phosphate (LFP) Cell



Easy Installation

12 kg Power Module
50 kg Battery Module



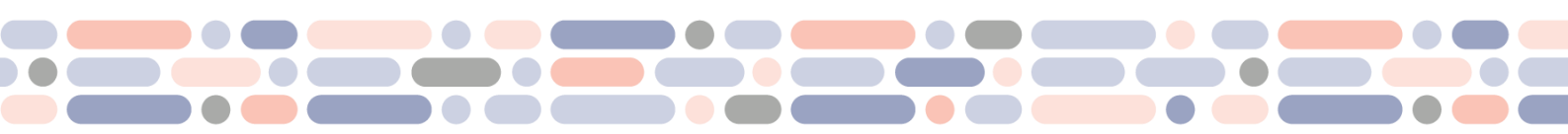
Quick Commissioning

Automatically Detected in App



Perfect Compatibility

Compatible to Both
Residential Single & Three
Phase Inverter



EESTORE-(5-30) Technical Specification



Performance			
Power Module	EESTORE-5-CO		
Number of Power Modules	1		
Battery Module	EESTORE-5-E0		
Battery Module Energy	5 kWh		
Number of Battery Modules	1	2	3
Battery Usable Energy ¹	5 kWh	10 kWh	15 kWh
Max. Output Power	2.5 kW	5 kW	5 kW
Peak Output Power	3.5 kW, 10 s	7 kW, 10 s	7 kW, 10 s
Nominal Voltage(Single Phase System)	450 V		
Operating Voltage Range(Single Phase System)	350 – 560 V		
Nominal Voltage(Three Phase system)	600 V		
Operating Voltage Range(Three Phase System)	600 – 980 V		

Communication	
Display	SOC status indicator, LED indicator
Communication	RS485 / CAN (only for parallel operation)

General Specification			
Dimension (W*D*H)	670 * 150 * 600 mm (26.4 * 5.9 * 23.6 inch)	670 * 150 * 960 mm (26.4 * 5.9 * 37.8 inch)	670 * 150 * 1320 mm (26.4 * 5.9 * 60.0 inch)
Weight (Floor Stand Toolkit Included)	63.8 kg (140.7 lb)	113.8 kg (250.9 lb)	163.8 kg (361.1 lb)
Power Module Dimension (W*D*H)	670 * 150 * 240 mm (26.4 * 5.9 * 9.4 inch)		
Power Module Weight	12 kg (26.5 lb)		
Battery Module Dimension (W*D*H)	670 * 150 * 360 mm (26.4 * 5.9 * 14.0 inch)		
Battery Module Weight	50 kg (110.2 lb)		
Installation	Floor stand (standard), Wall mount (optional)		
Operating Temperature	-20°C ~ + 55°C (-4°F ~ 131°F) ²		
Operating Altitude	0 - 4,000 m (13,123 ft.) (Derating above 2,000 m)		
Environment	Indoor / Outdoor		
Relative Humidity	5% ~ 95%		
Cooling	Natural convection		
Protection Rating	IP 66		
Noise Emission	<29 dB		
Cell Technology	Lithium-iron phosphate (LiFePO4)		
Scalability	Max. 2 systems in parallel operation		
Compatible Inverters	EESOLAR-5/6KTL-L1, EESOLAR-6/10KTL-M1		

Standard Compliance (more available upon request)	
Certificates	IEC 62619, IEC 62040, AS/NZS 60947.3:2015, UN38.3

Ordering and Deliverable Part	
Product ordering model ³	EESTORE-5-CO, EESTORE-5-E0, Wall Mounting Bracket

¹. Test conditions: 100% depth of discharge (DoD), 0.2C rate charge & discharge at 25°C.

². Charge/discharge derating occurs when the operating temperature from -20°C to 5 °C & 45 °C to 55 °C.

³. Storage system is ordered and delivered in the form of power module and battery module separately with corresponding quantity.