

Smart Series

Low Voltage Blade Home Battery



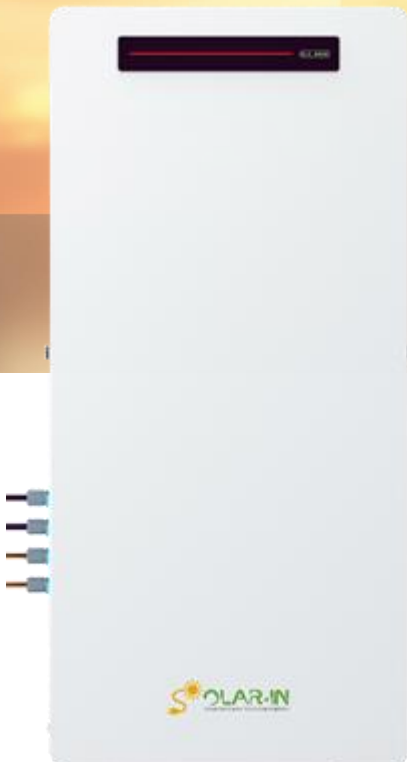
Flexible capacity options
7kWh to 28kWh



Grade A blade cells for superior
performance

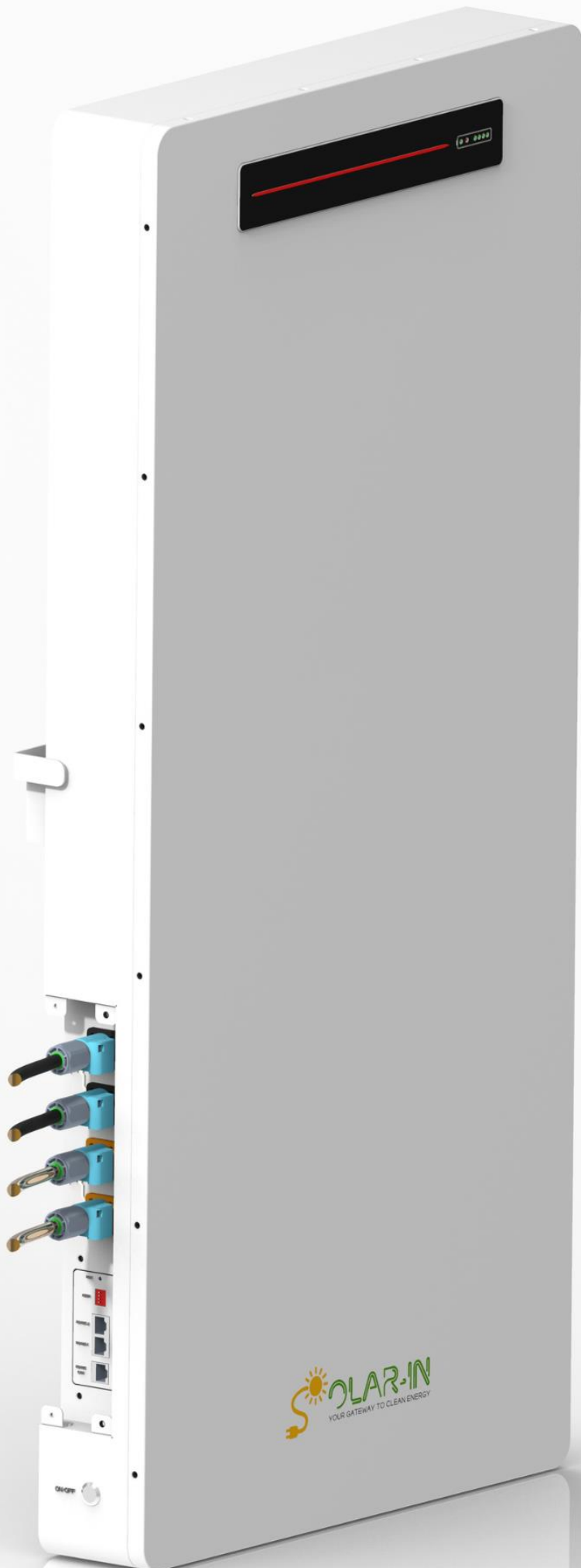


IP65 Protection
Excellent safety of cobalt free
LiFePO4 battery

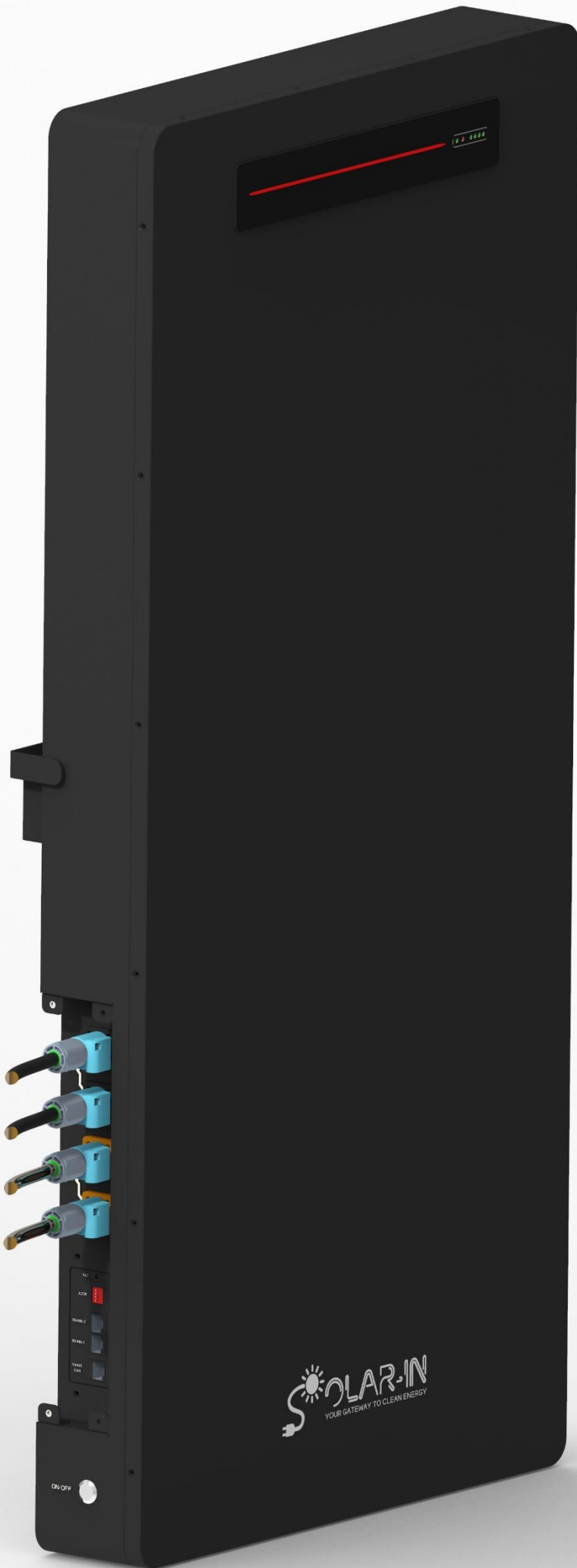


Belgian Technology
5-10 Year Warranty





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S-7k-51V

Battery Characteristics	
Nominal Voltage	51.2V
Nominal Capacity	138Ah
Nominal Energy	7.0kWh (expanded up to 28 kWh, 4 units in parallel)
Voltage Window	44.8~58.4V
Rated Charge Current	50A
Max. Charge Current	100A
Rated Discharge Current	50A
Max. Discharge Current	100A
Max. Discharge DC Power	7kW/10kW
Operating Temperature	0°C ~ 45°C (Charge) -20°C ~ 50°C (Discharge)
General Characteristics	
Recommended DOD	90%
Communication	CAN2.0 / RS485/ RS232
Cycle Life	6000 cycles @ 90 DoD. 80% capacity remains after 6000 cycles
IP Grade	IP65
Installation	Wall mount
Dimension	W520 x D100 x H1100mm
Terminal Type	Quick plug connector
Weight	~ 72.5kg
Warranty	5-10 Years
Maximum Parallel Number	4