



## Spec Sheet

### Bluevolt S-Type LiFePO4 Battery

- ✓ Cost-effective energy storage for solar and backup installations
- ✓ Suitable for residential and commercial applications
- ✓ Robust and reliable with high-performance second-life EV cells

	S11-5	S11-8	S12-5	S12-8
Energy Storage Capacity	11 kWh		12 kWh	
	215 Ah		235 Ah	
Power, Max Continuous (Charge & Discharge)	5 kW	8 kW	5 kW	8 kW
Current, Continuous (Charge & Discharge)	100 A	155 A	100 A	155A
Usable Energy (Approx. 90% DoD – Software Limited)	10 kWh		11 kWh	
Battery Chemistry	Lithium Iron Phosphate (LiFePO4)			
Nominal Voltage	52 V			
Battery Safety Features	Digital battery management system with disconnect switch that will be tripped by the BMS if there is a fault such as minimum SoC % is reached, temperature out of range, cell over and under voltage.			
Inverter-Charger Communication	CAN Bus with <i>Bluevolt Link</i> which offers full communication with inverter brands using the widely-used Pylon protocol.			
Inverter-Charger Compatibility	Compatible with most 48V inverters on a voltage-based setup.			
Data Interface	RS485 for connection to <i>Bluevolt Link</i> device, programming the battery and adding an external touchscreen display. The <i>Bluevolt Link</i> interfaces include CAN Bus & Ethernet.			
Human Interface	On-off switch on battery, webpage access for <i>Bluevolt Link</i> to view system stats and info, as well as program the CAN Bus inverter-charger control algorithms.			
Weight	128 kg			
Dimensions	H 865 x W 485 x D 255 mm			
Enclosure	Steel – powder coated and rated for indoor use.			
Mounting and Arrangement	Designed to be freestanding without racks or brackets. Cables can exit either left or right.			
Warranty	10 years or 3,600 cycles to 80% DoD, whichever comes first.			

This spec sheet may change without notice and at the sole discretion of Bluevolt