



## Features



### Belgian Designed Energy Management System

Custom made for Belgium. Measure, monitor and manage the system in real-time. Optimize the system life span by intelligent algorithms



### A better warranty comes with a higher quality product

Proudly Made in Belgium

Rigid European quality control standards for 10,000 cycles over 12 years

Certificates: VDE AR 4105, TOR Erzeuger, UN 38.3 / IEC 62281, IEC 61000-6-1, IEC 61000-6-3, IEC 62109-1, IEC 62109-2, IEC 62040-1, IEC 60730-1, VDE AR 2510-2, IEC 62619, VDE AR 2510-50, IEC 60529



### Belinus All-in-One Warranty

The Belinus all-in-one warranty is the only energy storage battery warranty with a comprehensive 12-year coverage for the supply of new and old parts and for installation costs.

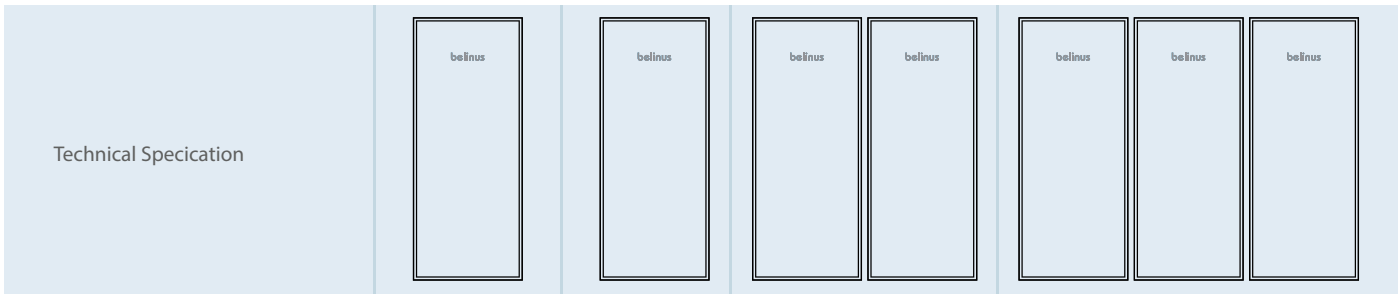
This sophisticated warranty plan saves you additional costs on your purchases for 12 years.



### Wide Compatibility

Compatible with SMA, Goodwe, Solis, Growatt, Victron, Voltronic, Studer, single phase hybrid inverters

# Belinus Energiewall Technical Specification



## Performance

Battery pack energy	5.12 kWh			
Number of battery Modules	1	2	3	8
Battery usable energy	5.12 kWh	10.24 kWh	15.36 kWh	40.96 kWh
Max. output power	2.5 kw	5 kw	7.5 kw	20 kw
Peak output power	5 kW, 15 s	10 kW, 15 s	15 kW, 15 s	40 kW, 15 s
Nominal voltage (single phase system)	51.2 V			
Operating voltage range (single phase system)	47.6V-58.0V			

Communication		Standard Compliance (more available upon request)	
Display	SOC status indicator, LED indicator	Certificates	CE, IEC62619, UL1973, UN38.3
Communication	RS485 / CAN	Our system can parallel max 8battery modules to 40kWh	

## Performance

Weight (kg)	81kg	132kg	183kg	438kg
Battery cabinet dimension (W*D*H)	1400 x 560 x 130mm			
Power module weight	30 kg			
Battery module dimension (W*D*H)	440 x 620 x 117mm			
Battery module weight	51 kg			
Installation	Floor stand, Wall mount			
Operating temperature	-10oC~ + 55oC			
Max. operating altitude	4,000 m (13,123 ft.) (Derating above 2,000 m)			
Environment	Indoor			
Relative humidity	5%~95%			
Cooling	Natural convection			
Protection rating	IP 66			
Noise emission	<20dB			
Cell technology	Lithium-iron phosphate (LiFePO4)			
Scalability	Max. 4 systems in parallel operation			
Compatible hybrid and AC coupling inverters	SMA Sunny Island 4.4M / 6.0H / 8.0H Solis RHI-(3-5)K-48ES Goodwe ES Series3.6 - 5 kW Growatt SPH/SPF3000~6000 Studer Xtender 48Vseries Victron MultiPlus-II3000VA-5000VA-8000VA Quattro Voltronic Axpert sries 3KVA-5.6KVA,InfiniSolar 1.5-6kw			

