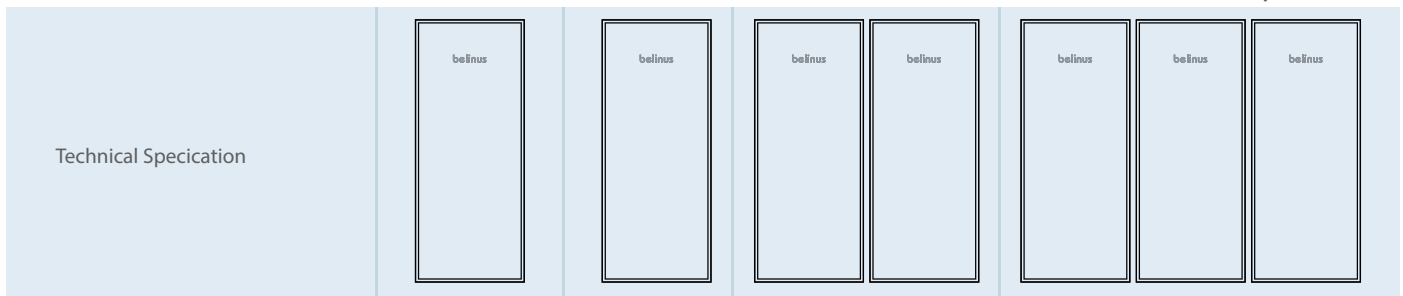


Belinus Energiewall Technical Specification



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		

