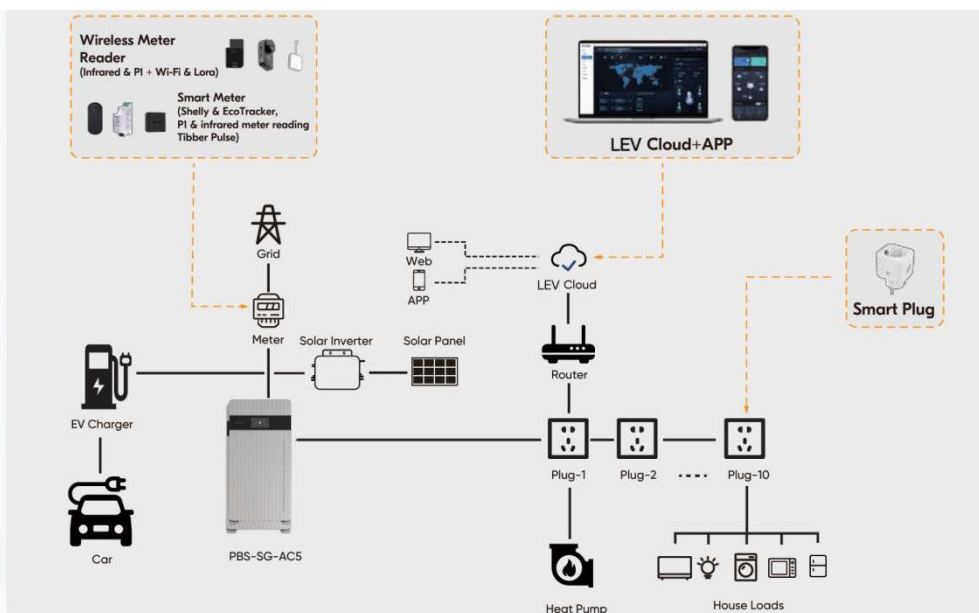


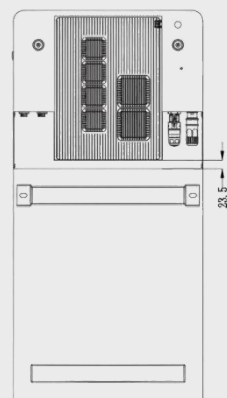
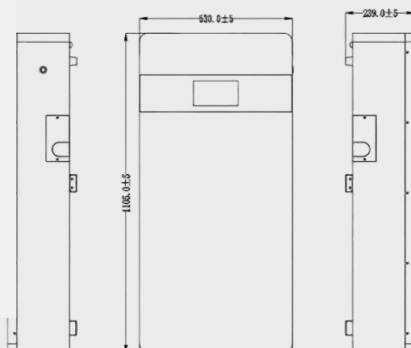


Stackable Balcony AC-Coupled ESS | Easy Installation | Compact Plug-and-Play | AI-Powered Control



The product comprises four main modules:

1. Inverter module
2. Battery pack module
3. EMS module
4. Enclosure



SPECIFICATIONS

Specification Type	LEV-HYB-16-5	LEV-HYB-10-5
BATTERY SPECIFICATIONS		
Battery Chemistry	LiFePO4	LiFePO4
Nominal Voltage	51.2 Vdc	51.2 Vdc
Nominal Capacity	16 kWh (16S1P)	10 kWh (16S1P)
Voltage Range	43.2-56.8 V	43.2-56.8 V
Cycle Life	6,000 cycles (0.5C, 80% DoD, room temperature), SOH ≥ 70%	
Max. Charge/Discharge Current	100 A	100 A
OFF-GRID OUTPUT		
Rated Output Voltage	Single-phase, 230 Vac	Single-phase, 230 Vac
Rated Output Frequency	50/60 Hz	50/60 Hz
Maximum Output Current	22 Aac	22 Aac
Rated Output Power	5.0 kVA	5.0 kVA
Max. Output Overcurrent Protection	32 A	32 A
Peak Output Power / Duration	7,500 VA / 5 s	7,500 VA / 5 s
Transfer Time	10 ms	10 ms
GRID-CONNECTED PARAMETERS		
Connection Type	AC-coupled	AC-coupled
Rated Voltage	Single-phase, 220/230 Vac	Single-phase, 220/230 Vac
Operating Voltage Range	(170-280 Vac) ±2%	(170-280 Vac) ±2%
Rated Output Power	5.0 kW	5.0 kW
Max. Grid Input Current	40 Aac (bypass + charging)	40 Aac (bypass + charging)
Power Factor Range	-0.85 to +0.85	-0.85 to +0.85
GENERAL PARAMETERS		
Dimensions (L x W x H)	1,105 x 530 x 239 mm (±5 mm)	1,105 x 530 x 239 mm (±5 mm)
Weight	TBD	TBD
Installation	Indoor / outdoor	Indoor / outdoor
Ingress Protection	IP65	IP65
Maximum Parallel Units	4	4
Inverter Efficiency	> 92%	> 92%
Cooling	Natural convection	Natural convection
Noise	< 60 dB	< 60 dB
CERTIFICATIONS AND COMPLIANCE		
CE / UKCA	EN IEC 62619:2022+	
CE / UKCA	IEC 63056	
CE / UKCA	EN 62109-1 + EN 62109-2 / EN 62477-1:2012+A12:2021	
CE / UKCA	EN IEC 61000-6-3:2021	
CE / UKCA	EN IEC 61000-6-1:2019	
RED	RED / Wi-Fi module is RED compliant	
UK Grid Connection CoC	G99	
UK Grid Connection CoC	G100	
Cybersecurity	EN 18031-1	
Cybersecurity	PSTI	
EU RoHS	2011/65/EU, Item 10	
Transport	UN 38.3 / MSDS	