

austa^o



● Rechargeable LFP Battery 168–648V High Voltage

LIH5/7.5/10/12.5/15KWH



27Ah
Ah Capacity



≥6000
Life Cycles



27A
Max. Charging Current



Craft
Made In Germany

Technical Specification

	LIH5KWH	LIH7.5KWH	LIH10KWH	LIH12.5KWH	LIH15KWH
BATTERY MODULE					
Rated Capacity [kWh]	5.18	7.77	10.36	12.96	15.55
Available Capacity [kWh]	4.66	6.99	9.32	11.66	13.99
Rated Voltage [V]	192	288	384	480	576
Operating Voltage [V]	168-216	252-324	336-432	420-540	504-648
Max. Continuous Discharge Current [A]	27(1C)				
Max. Discharge Power [kW]	4.14	6.21	8.28	10.36	12.44
Battery Module (single pack)	96V-2.59KWh				
Cell Type	IFP 20100140A-27Ah				
Cell Configuration	60SIP	90SIP	120SIP	150SIP	180SIP
TECHNICAL DESCRIPTION					
Charging Operating Temperature [°C]	0~+50				
Discharging Operating Temperature [°C]	-20~+50				
Storage Temperature	-20~45°C(≤1month)0~35°C(≤1year)SOC:>50%				
Life Cycles	6000 @0.2C/0.2C,25°C				
Altitude [m]	≤2000				
Ingress Protection	IP65				
Communication	CAN				
Cooling	Natural				
Installation	Overlay landing				
Size (W×H×D) [mm]	600×590×240	600×770×240	600×950×240	600×1130×240	600×1310×240
Weight [kg]	70.1	97.9	125.7	153.5	181.3
Rated Capacity	Test conditions: cell voltage 2.5V-3.65V, 25±3°C temperature range, 0.5C charge and discharge				
Available Capacity	Test conditions: 90% depth of discharge, 25±3°C temperature range, 0.5C charge and discharge				
STANDARD					
EN 62477-1:2012+A1:2017, EN 62477-1:2012+A12:2021, IEC 62619:2022, IEC62619B, EN IEC 61000-6-1:2019,EN IEC 61000-6-3:2021					