

OUTDOOR CABINET ESS

All-in-Shelter-120kw-241kWh
All-in-Shelter-130kw-261kWh



Supports 100% three-phase unbalanced load



Floor space < 1.4m²



Support remote upgrade
Cloud operation and maintenance



PACK plus cabin fire, safe and controlled



Intelligent dehumidification
Eliminates the risk of condensation



PACK-level liquid-cooled runner design for high cooling efficiency



Single cabinet capacity up to 261kWh



Flexible expansion
Easy to install and maintain



PV power station



Wind power station



Industrial and commercial



Grid side



Hybrid charging



Microgrid



【Liquid Cooling System】

Model	All-in-Shelter-120kw-241kWh	All-in-Shelter-130kw-261kWh
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Battery

Battery Type	LiFePO4	
Rated Charge/Discharge Performance	0.5C	
Rated Voltage [V]	768	832
Operating Voltage [V]	672~876	728~949
Cell Rated Capacity [Ah]	314	314
Rated Capacity [kWh]	241.15	261.248
Composition	1P240S	1P260S

AC Output (On Grid)

Rated Output Power [kW]	120	130
Rated Output Current [A]	173	187
Rated Grid Voltage [V]	3/N/PE,230/400	
Rated Grid Frequency [Hz]	50/60	
Power Factor Adjustable Range	1(0.9 Leading~0.9 Lagging)	
THDi	<3%(@Rated Power)	

AC Output (Off Grid)

Rated Output Power [kW]	120	130
Rated Output Current [A]	173	187
Rated Output Voltage [V]	3/N/PE,230/400	
Rated Output Frequency [Hz]	50/60	
Unbalanced Load Capacity	100%	

General Parameters

Ingress Protection	IP54	
Cooling Method	Battery Compartment(Liquid Cooled)、Electrical Cabin(Air Cooled)	
Fire Protection System	Aerosol/Perfluorohexanone	
Relative Humidity	0~95%,Non-condensing	
Temp. Range [°C]	-20~+50	
Altitude [m]	4000(> 2000 Derating)	
Communication	RS485/CAN	
Communication Protocol	Modbus/IEC104	
Weight [kg]	≈2500	≈2700
Dimension (W*D*H) [mm]	1000*1330*2350	1000*1400*2400
Delivery Method	Integral transportation	
*Certificates(LES-241L120)	EN62477-1: 2012; EN IEC 61000; EN 50549-1/10; NC RfG, PTPIREE, VDE, CEI 0-21, C10/11, NTS, EIFS, TOR, G99, NF EN 50549-1:2019, NF EN 50549-10:2022, EN 50549-1:2019+A1:2023,	