



Residential Series

Angile Battery Energy Storage System



LFP Battery 5 -30 kWh



Easy installation
Plug and Play



Remote upgrade



Low temperature
heating function



Automatic parallel
function, no dip



10 years warranty



Long
lifespan

LOW VOLTAGE BESS

BATTERY PACK	AES5.3-L
Rated Voltage (V)	51.2
Operating Voltage Range (V)	40~58
Rated Capacity (Ah)	104
Energy Capacity (kwh)	5.32
Battery Material	LFP
Recommmed Charge/Discharge Current	50A/50A (25°C)
Max. Charge/Discharge current	100A/100A (25°C)
Charge/Discharge Efficiency	>95%
Cycle Life	>6000* Cycles
AmbientTemperature	-20°C~53°C
Charging/Discharging Temperature	0°C~53°C/-18°C~53°C
communication	CAN, RS485
IP rating	IP65
Scalability	Up to 6 modules
Battery Dimension (WxHxD) /Weight	550x550x195 mm/54 kg
Warranty	10 Years
Certifcate	TUV, CE
EMC Certification Standards	IEC 61000-6-1.IEC61000-6-3
Safety Certification Standards	IEC 62619, IEC 63056, IEC 60730 Annex H
Environmental	RoHS
Transportation	UN38.3
Cooling	Natural cooling
Installation	Floor or wall mounting



BATTERY PACK	1	2	3
Nominal capacity(kWh)	5.3	10.6	15.9
Discharge Cut-offVoltage(V)	46.4	46.4	46.4
Dimension(mm)	550x195x640	550x195x1190	550x195x1740
Weight(Kg)	58	112	166



BATTERY PACK	4	5	6
Nominal capacity(kWh)	21.2	26.5	31.8
Discharge Cut-offVoltage(V)	46.4	46.4	46.4
Dimension(mm)	550x195x1190 550x195x1190	550x195x1740 550x195x1190	550x195x1740 550x195x1740
Weight(Kg)	112*2	166+112	166*2