

Technical Comparison

AU AC Coupled All In One

FEATURE	AC-13.5-3.6	AC-13.5-4.6	AC-13.5-5.0	AC-13.5 6.0
Rated Apparent Power	3600VA	4600VA	5000VA	6000VA
Nominal AC Power	3600W	4600W	5000W	6000W
Nominal AC Current	16A	20A	21.7A	26A
Maximum AC Current	16A	20A	21.7A	26A
Peak power (10s, off-grid)	4300VA (10s)	5500VA (10s)	6000VA (10s)	7200VA (10s)
Common AC Output Data				
Rated Grid Voltage (Range)	230VAC (180VAC to 270VAC)			
Rated Grid Frequency	50/60Hz±5Hz			
Power Factor Range	0.8 Leading to 0.8 Lagging			
THDi (Rated Power)	<3%			
Number of Parallel Operation	1 (up to 6 in late 2024)			
Active Anti-islanding Method	Reactive power disturbance			
Battery Data				
Battery Type	LiFePO ₄ Prismatic Cell			
Battery Capacity	13.5kWh			
Nominal Voltage	307.2V			
Battery Voltage Range	260–346V			
Depth of Discharge	100%			
Maximum Charge/Discharge Current	25A			
Communication Interfaces	CAN			
Environmental Data				
Ingress Protection	IP65			
Operating Temperature Range	-20°C – 50°C			
Maximum Altitude	4000m (Derating above 2000m)			
Humidity	0–100%			
Noise Emission (Typical)	<30dB			