

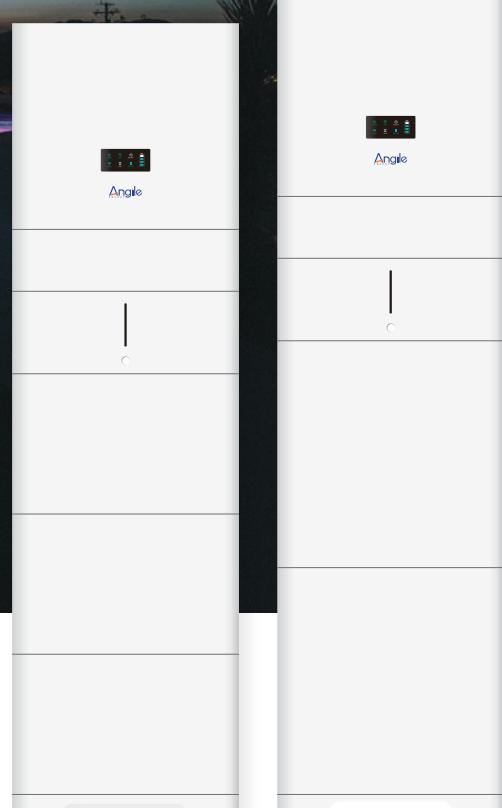


Hybrid Inverter 6 - 10 kW

AE6K-H-T, AE10K-H-T

LFP Battery 10 - 30 kWh

AES4.9-H, AES5.1-M



3-Phase Residential

Angile Battery Energy Storage System



Up to 200%
PV input



Easy installation
Plug and Play



110% 3-Phase
uninterrupted output



Off-grid 1.5 times
overload operation



Multiple charging
discharging times
setting



IP65
Grade



Load monitoring
accuracy 10W.



Intelligent insulation
detection function



120-800V ultra-wide
battery voltage range



Anti-back flow
function



Remote
control



10 Years
warranty

3-PHASE HIGH VOLTAGE BESS

Warranty	10 Years		
Coupling	Hybrid		
IP rating	IP65		
Cooling	Natural cooling		
HYBRID INVERTER	AE6K-H-T		AE10K-H-T
Max. PV Input Power (kW)	15		
Max. DC Voltage (V)	1000		
MPPT Voltage Range (V)	180~950		
Max. DC Current (A)	15+15		
Max. Charge/Discharge Power (kW)	6/6		10/10
Rated Battery Voltage (V)		400	400
Battery Voltage Range (V)	120~875		
Max. Battery Charge/Discharge Current (A)	25/25		
Rated Grid Voltage (V)	3L/ N/ PE, 220/ 380, 230/ 400		
Rated Current (A)	9.2/8.7		15.2/14.5
Rated Grid Frequency (Hz)		50/60	
Rated Grid Input Active Power (kW)	9		15
Max. Grid Input Current (A)	13.6		22.7
Rated Grid Output Active Power (kW)	6		10
Rated EPS Output Apparent Power (kVA)	6		10
Max. EPS Output Current (A)	10.1		16.8
Max. Efficiency	97.6%		
Power Factor Range	0.8ind-0.8cap		
THD	<3%		
Operating Temperature Range	-25-60°C (>45°C Derating)		
Communication Interface	WIFI\RS485		
Product Dimension (WxHxD) / Weight	550x650x258 mm / 32 kg		
Certification Standards	Safety: IEC62109-1, IEC62109-2, EMC: IEC61000-6-1, IEC61000-6-3		
Certificate	TUV CE		
Grid-Connection Standards	Germany: VDE-AR-N 4105/11.18, Europe: EN 50549-1:2019, EN 50549-10:2022 South Africa: NRS 097-2-1:2017 Ed.2.1, Sweden: EIFS 2018:2		
BATTERY PACK	AES4.9-H		AES5.1-M
Rated Voltage (V)	153.6		102.4
Operating Voltage Range (V)	134.4~173.76		89.6~113.6
Rated Capacity (Ah)	32		50
Energy Capacity (kWh)	4.92		5.12
Battery Material	LFP		
Recommen Charge/Discharge Current	16A/16A (25°C)		25A/25A (25°C)
Max. Charge/Discharge Current	32A/32A(25°C)		
Charge/Discharge Efficiency	> 95%		
Cycle Life (DoD 95%)	> 6000* Cycles		
Ambient Temperature	-20°C~55°C		
Charging / Discharging Temperature	0°C~55°C / -20°C~55°C		
Communication	CAN, RS485		
Battery Dimension (WxHxD) / Weight	550x550x220 mm / 65 kg		550x340x252 mm / 52 kg
BCU Dimension (WxHxD) / Weight	550x300x220 mm / 11 kg		550x200x252 mm / 9.5 kg
Certificate	TUV, CE		
EMC Certification Standards	IEC 61000-6-1, IEC 61000-6-3		
Safety Certification Standards	IEC/EN62477-1, IEC62619, IEC 60730 Annex H, IEC63056		
Environmental	RoHS REACH		
Transportation	UN38.3		

* At 25°C, under specific test conditions