



ANJ series

Solar Storage Inverter

ANJ-10KW-H3 ANJ-12KW-H3



Efficient

- Advanced MPPT technology with up to 99.9% efficiency
- Up to 800V PV input voltage, ideal for high power

User-friendly

- Industrial design with a modern aesthetic look
- Wall-mounted installation saves home space

All-in-one

- The 400V three-phase system is efficient, reliable and ideal for large equipment, providing energy and cost saving

Reliable

- Outputs high quality pure sine wave AC power
- 8-12kW load power to meet the needs of most households

Safety

- 360 degrees of security from hardware to software
- IEC, FCC and other safety approvals

Intelligent

- Exclusive Li-ion battery BMS dual activation
- Time-slot function to save cost with peak-valley tariffs

MODEL	ANJ-10KW-H3	ANJ-12KW-H3	Can Be Set
INVERTER OUTPUT			
Rated Output Power	10,000W	12,000W	
Max. Peak Power	20,000W	24,000W	
Rated Output Voltage	230/400Vac(three-phase)		✓
Capacity of Motor Load	6HP	6HP	
Rated Frequency	50/60Hz		✓
Output Waveform	pure sine wave		
Switching Time	10ms (typical)		
BATTERY			
Battery Types	Li-ion / Lead-Acid / User Defined		✓
Rated Battery Voltage	48Vdc		
Voltage Range	40 ~ 60Vdc		✓
Max. PV Charging Current	220A	260A	✓
Max. Utility / Generator Charging Current	120A	120A	✓
Max. Hybrid Charging Current	220A	260A	✓
PV INPUT			
No. of MPPT	2		
Max. Input Power	7,500W/7,500W	9,000W/9,000W	
Max. Input Current	22A/22A		
Max. Open-circuit Voltage	800Vdc/800Vdc		
MPPT Operating Voltage Range	200 ~ 650Vdc/200 ~ 650Vdc		
UTILITY / GENERATOR INPUT			
Input Voltage Range	phase voltage 170~280V, line voltage 305~485V		
Input Frequency Range	50/60Hz		
Bypass Overload Current	63A		
EFFICIENCY			
MPPT Tracking Efficiency	99.9%		
Max. Battery Inverter Efficiency	≥92%		
European Efficiency	97.5%	97.5%	
GENERAL			
Dimensions	620*445*130mm (2.03*1.46*0.43ft)		
Weight	27kg (59.52lb)		
Protection Degree	IP20, indoor only		
Ambient Temp	-10~55°C, >45°C derated		
Noise	<60dB		
Cooling Method	air cooling		
Warranty	2 years		
COMMUNICATION			
Internal Interface	RS485 / CAN / USB / Dry contact		✓
External Module (optional)	Wi-Fi / GPRS		✓
CERTIFICATION			
Safety	IEC62109-1, IEC62109-2,UL1741		
EMC	EN61000-6-1,EN61000-6-3,FCC15 classB		
RoHS	Yes		