

AE STORAGE

AE HYBRID PLUS



ILLUSTRATION ONLY



10 kW
500 kW

POWER RANGE

Client specific expandable capacity
From 10kW to 500kW

ON-GRID
OFF-GRID

HYBRID INVERTER PLUS

Can operate at Off-Grid or On-Grid



FOR SPECIFIC PROJECTS

Like industry systems

APPLICATION:

The hybrid solar inverter PLUS with additional applications guarantees a reliable power supply and enables the possibility of using Solar generated energy around the clock. The capacity is client specific expandable. This high quality hybrid energy system offers the best performance in the common industry PV applications.

FEATURES AND ADVANTAGES:

- Self-consumption and Feed-in to the grid
- Display for comprehensive information
- Three-phase shifting superposition technology
- Usable with different energy sources
- Programmable multiple operation modes:
grid-tied, off-grid and grid-tied with backup
- Intelligent energy management
- High efficiency $\geq 95\%$
- Intelligent battery management system
- Emergency power supply
- User-adjustable charging current suits
different types of batteries



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TECHNICAL DATA AE HYBRID PLUS

10K | 20K | 40K | 60K | 80K | 100K | 120K | 160K | 200K | 300K | 400K | 500K

Battery Voltage	(VDC)	348V								384V			
Rated Power	(KVA)	10	20	40	60	80	100	120	160	200	300	400	500
Phase		3 φ 4W+GND											
Voltage	(Vac)	L – N: 230 L-L: 400 (200, 208, 220 are available for customization)											
Frequency	(Hz)	50±0.2%											
Wave Form		Sine wave, THD<3% at linear load											
Efficiency		≥95%											
Overload Capacity		125% of rated load last for 10 minutes, 150% of rated load last for 1 second											
LCD Display		Output voltage, frequency, Battery voltage, Load, DC current etc.											
LED Display		Work status of inverter, fault indication and overloading											
Communication		RS232/RS485, dry connection communication signal											
Protection		Output short circuit, Overload, Over-temperature, battery low voltage, Output over/ low voltage											
IP Grade		IP20											
Noise	(dB)	<65											
Cooling		Fans											
Operating Temperature	(°C)	L -20°C~+40°C											
Relative Humidity		0~95%, No condensation											
Dimension (W x D x H)	(mm)	500 x 800 x 1180 to 3000 x 1000 x 1800											
Weight	(Kg)	195	240	450	490	690	725	775	980	1280	1830	2050	4500

Specifications are subject to change without prior notice.

