

AE STORAGE

AE HYBRID WALL-E



It's time to save the world !

ILLUSTRATION ONLY



POWER RANGE

2kW / 3kW / 3.6kW / 5kW / 6kW



HYBRID INVERTER

With energy storage function
and lithium-ion battery



FOR SMALL PROJECTS

Like home systems

APPLICATION:

The hybrid bidirectional solar inverter WALL-E combined with an integrated lithium-ion battery system guarantees a reliable power supply and enables the possibility of using solar generated energy around the clock. This high quality all-in-one energy system offers the best performance in the common household PV applications such as refrigerator, home theatre, computer, lighting, washing machine and any many other household appliances.

FEATURES AND ADVANTAGES:

- Self-consumption and Feed-in to the grid
- High efficiency up to 96.5%
- LCD display for comprehensive information
- Intelligent RS485/Wifi communication port
- Independent of power grid and the daylight
- Programmable multiple operation modes:
grid-tied, off-grid and grid-tied with backup
- Intelligent energy management
- High-performance lithium-ion battery
- Intelligent battery management system
- Emergency power supply
- Storage capacity from 2 to 6kWh
- User-adjustable charging current suits
different types of batteries



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TECHNICAL DATA AE HYBRID WALL-E

AEW2000

AEW3000

AEW3600

AEW5000

AEW6000

Maximum PV Input Power	(W)	4000			6600	
Maximum PV Voltage	(VDC)	450			550	
MPPT Voltage Range	(VDC)	200~420			200~500	
Start-up Voltage	(VDC)	140				
MPPT number/MC4 connector		2/2				
String Maximum Input Current	(VDC)	10A			20A	

STORAGE

Battery Capacity	(Wh)	2000 (can extend to 2000 x 3 = 6000Wh)				
Maximum Charging Power	(W)	2000	3000	3600	5000	6000
Maximum Discharging Power	(W)	2200	3300	3960	5500	6600
Rated Battery Voltage	(V)	204				
Battery Voltage Range	(V)	160~233				

OUTPUT

Rated Output (Power)	(W)	2000	3000	3600	5000	6000
Rated Grid Voltage	(V)	220/230/240				
Maximum Output Current	(A)	10	15	18	25	30
Rated Grid Frequency	(Hz)	50/60				
Euro Efficiency		95.50%	96.00%	96.20%	96.40%	96.50%
Efficiency Off-Grid	(Max)	93.60%				

OTHERS

Communication Interface		RS485 (PC) / RS485 (Meter) / Wifi				
Relative Humidity		0 ~ 90%, No condensation				
Noise	(dB)	<60				
Operating Temperature	(°C)	-20 to 50 (>40, power derating)				
IP Grade	(V)	IP20				
Altitude	(m)	0 ~ 2000 (>2000, power derating)				
Dimension, W x D x H	(mm)	480 x 438 x 117			480 x 550 x 117	
Weight	(kg)	32	44	44	48	52

