

Features

- Vertical industry integration ensures more than >8000 cycles with 80% DoD.
- Integrated inverter design, easy to use and quick to install. Small size, minimizing installation time and cost Compact and stylish design suitable for your sweet home environment.
- The inverter has a variety of working modes. Whether it is used for main power supply in the area without electricity or backup power supply in the area with unstable power to deal with sudden power failure, the system can respond flexibly.
- A variety of charging methods, which can be charged with photovoltaic or commercial power, or both at the same time







One Inv 10kW Two Bat. 26.88kWh



High cycle life >8000 cycles @80% DoD for effectively lower total of



Longer service life Low maintenance batteries with stable chemistry.



Built in circuit protection Battery Management System (BMS) is incorporated

against abuse.



Better storage Up to 6 months thanks to its extremely low self

discharge (LSD) rate and no risk of sulphation.



Quickly recharge

Save time and increase productivity with less down time thanks to superior charge/discharge efficiency.

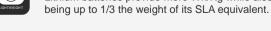
Extreme heat tolerance



Suitable for use in a wider range of applications where ambient temperature is unusually high: up to +45°C.



Lightweight Lithium batteries provide more Wh/Kg while also





Function

Support parallel operation

AIO-V Series Home Energy Storage System

Specifications
Inverter module
Output
Rated output power
Maximum peak power
Motor load capacity
Wave form
Rated output voltage
Maximum parallel capacity
Output mode
Solar input
Types of solar charging
Maximum solar array power
Maximum solar open-circuit voltage
Grid/generator inputs
Input voltage range
Bypass overload current
Battery charging
Maximum solar charging current
Maximum grid/generator charging current
Routine
Dimensions (L×W×Hmm)
Weight (Kg)
Battery module
Battery power
Rated voltage
Rated capacity
Battery type
Cycle life
Maximum parallel capacity
Dimensions (L×W×Hmm)

Dimensions (L×W×Hmm) Weight (Kg)

Standard

UN38.3, MSDS, IEC6

~105Kg

INV10KLP1	
5120Wh	
10,000W	
20,000VA	
6HP	
PSW (Pure Sine Wave)	
230V ac (single phase)	
2 units (up to 20KW)	
Off-grid/Hybrid	
MPPT	
5,500W + 5,500W	
500Vdc + 500Vdc	
90~275Vac	
63A	
200A	
120A	
750×470×250	
~32	
ZECO-AIOV13B	
	26.88KWH
	48V
	560Ah
Square LFP	
≥6000 (80%DOD, 0.5C, 25°C)	
4 units (max. 53.76KWh)	
	750*940*250
	120Kg
52619:2017,EN IEC61000-3-2, EN IEC61000-6-1,RoHS	