

# ePowerCUBE **OGES**

## Residential off-grid PV-ESS All-in-one Box 3K



All-in-One  
Integrated PCS & Battery



Small for  
various scenarios



3kW/2.56kWh



Semi-solid state battery



UPS<20ms



Support off-grid

## Off-grid PV-ESS All-in-one Box

**Model** AE3KOGES

### PV parameters

Max. allowable string power (W)	1500W
MPPT voltage range (VDC)	30-120
Max. DC voltage (VDC)	145
MPPT starting voltage (VDC)	≥36
Max. DC current (V)	25±0.5

### Battery parameters

Rated battery voltage (VDC)	25.6
Rated capacity of battery (Wh)	2560
Max. charging power of battery (W)	3000
Rated AC input voltage (VAC)	230
AC input voltage range (VAC)	90-280
Rated output voltage of inverter	230

### Efficiency

Max. bypass efficiency	95%
Max. efficiency in charging mode	92%
Max. efficiency in inverter mode	92%
Max. MPPT efficiency	92%

### General information

Dimension (L*W*H) (mm)	672*140*461
Weight (kg)	38.0
Ambient temperature	-10~50°C
Cooling method	Forced air cooling

\* The above data were obtained through tests under laboratory conditions at 20°C, and the actual operating environment may vary.