



EGO115K-T60

All-in-one Energy Storage System

60 kW
115 kWh

OVERVIEW

EGO115K-T60 is a hybrid All-in-one energy storage system that supports the integration of mixed energy sources, including photovoltaic, the grid, and diesel generators. It comes with the function of a seamless switch between on-grid and off-grid. This system is widely used in weak grid area and the scenarios equipped with diesel generators.

KEY FEATURES



Support MPPT DCDC module.



Automatic and seamless switch between VF and PQ modes.



Intelligent power monitor and control software.



Suitable for areas with frequent power outages, switch time less than 10 ms.



Auto generator start/stop, work with generator smoothly.



Outdoor Pod Style installation (can be installed on top of existing concrete slabs).

SPECIFICATION

INVERTER SPECIFICATIONS

Rated AC Power	60 kW
Rated Grid Voltage	400 / 230 VAC
Rated AC Current	87 A
Total Harmonic Distortion	<3%
Rated Grid Frequency(Range)	50 Hz (45~55 Hz)
Power Factor	-1 ~ 1, continuously adjustable

ENERGY STORAGE

Nominal Energy Capacity	115.2 kWh
DOD	95%
Voltage Range(Nominal Voltage)	696 ~ 852 VDC (768 VDC)
Chemistry	LiFePO ₄ / 150 Ah
Battery System Configuration	1P240S

MPPT Module

Maximum PV Power	30 kW
Maximum PV open circuit Voltage	690 VDC
Maximum Output Current	50 A
MPPT Voltage Range	420 ~ 690 VDC
Maximum Input Current	96 A

STS

Rated Grid-side Power	120 kW
On-grid to Off-grid Switch Time	<10 ms

ENVIRONMENTAL

Operating Temperature Range	-20~55 °C (derating at 45 to 55 °C)
Humidity Range	0 to 95% RH non-condensing
Cooling	HVAC/FAN
IP Ratings	IP54

DIMENSIONS & WEIGHTS

System Dimension (W*D*H)	943 * 1050 * 2000 mm
Weight	1340 kg
Lifting Options	Fork / Crane

COMPLIANCE

Inverter Related Standards	IEC/EN 50549-1
Battery Related Standards	UN 38.3, IEC 62619, IEC 62477-1
System Related Standards	CE, EN 62619, LVD

Shenzhen Smart Energy Gap Corporation

✉ Email: info@smartenergygap.com

🌐 Web: www.smartenergygap.com

☎ Tel: 0755-23104515

