

All-in-one distributed energy storage system EGO71K-T60



Product Features:

EGO71K-T60 is a All-in-one energy storage system that supports the integration of mixed energy sources, including photovoltaic, the grid, and diesel generators, and can seamlessly switch between on-grid and off-grid modes.

This system is widely used in underdeveloped areas of the power grid and in scenarios equipped with diesel generators.

Auto generator start/stop

Works with diesel generator smoothly without outage of power

Reduce fuel cost and work without noise

Reliable & flexible

Support multi-machine parallel connection, up to 8 units
Flexible layout on site and easy to extend during life time

System overview and Remote control

Battery state of charge / present power consumption, etc
Monitor the hybrid system from anywhere
Remote control feature is also available

UPS Function

Automatic and seamless switch from grid connection, switch time is less than 10 ms

AC Coupled (optional)

Support MPPT DCDC module
Support multiple energy connection
Expandable EV charging function

Silence Mode

Support MPPT DCDC module
Support multiple energy connection

Technical Parameters:

AC Input	
AC Input Voltage Range	380 - 415VAC (3φ4W)
AC Rated Input Power	60KW
AC Output	
AC Output Voltage	400/230VAC ±2%
Frequency	50/60Hz
Cont.Output Power	40KW
Peak Output Power	72KW
STS	
Rated Grid-side Power	120KW
PCS Side Power	60KW
Load Power	60KW
On-grid To Off-grid Time	<10ms
MPPT Module	
Maximum Output Current	50A
Recommended Maximum PV Power	36KW
Maximum PV Open Circuit Voltage	750VDC
MPPT Voltage Range	315-700VDC
Maximum Input Current	96A
Number of MPPTs	1
PV Input Type	MC4*6
Batteries	
Nominal Battery Voltage	716.8 VDC
Battery Type	LiFePO4 / 100Ah
Battery PACK Configuration	1P32S / 10.24 KWh
Battery System Configuration	1P224S
Rated System Capacity (93%DOD)	71.68 KWh (66.66KWh)
Battery Voltage Range	560 - 817.6 VDC
Maximum Charging/Discharging Current	100 A
Cooling system	HVAC Air Cooling
Normal Parameters	
Dimension (W*D*H)	920 * 980 * 1900 mm
Weight	1100 Kg
SPD	DC TYPE II / AC TYPE II
Lifting Options	Fork / Crane
Fire Protection System	Perfluorohexanone/aerosol smoke/temperature/water immersion detection
Monitoring	
Display	7" Touchscreen LCD
Communication	RJ 45
Remote Control System	EG Cloud

