

All-in-one distributed energy storage system

EGO20K EGO25K EGO30K



Product Features:

Energy Gap EGO series range offers a sustainable and efficient alternative to use a diesel generator alone in off grid or remote locations. From construction sites to rural home, EGO can deliver power as needed. EGO series is a all-in-one energy storage system offers 30kW / 60kWh capacity, suitable for schools, hotels, small industrial parks and resorts, etc.

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 in parallel
Flexible layout on the 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

Technical Parameters:

Technical Parameters	EGO20K	EGO25K	EGO30K
Input & Output			
AC Input	380 - 415 VAC 3PH		
Output Voltage	400/230 VAC ± 2% 50 Hz 0.1%		
Cont. Output Power	20 KW	25 KW	30 KW
Peak Output Power		45 KW	
Inlets (standard)	125 A / 3 PH		
Outlets (standard)	1 * 125 A 3 PH / 1 * 63 A 1 PH/ 3 * 32 A 1 PH		
Solar Charge			
Max Output Current	50 A		
Max PV Power Suggested	36 KW		
Max PV Open Circuit Voltage	750 VDC		
MPPT Voltage Range	200 - 700 VDC		
Max. Input Current	96 A		
Number of MPPTs	1		
Solar Array Switch	Integrated		
PV Input Type	MC4 * 6		
Batteries			
Nominal Battery Voltage	410 VDC	512 VDC	614 VDC
Battery Type	LiFePO4		
Capacity (80% DOD)	40.96 KWh (usable 32KWh)	51.2 KWh (usable 40 KWh)	61.44 KWh (usable 48 KWh)
Cyclic Life	6000		
Battery Voltage Range	320 - 467.2 VDC	400 - 584 VDC	480 - 700.8 VDC
Max Charging/Discharging Current	100A		
Enclosure			
Dimension W * D * H	920 * 908 * 1671 mm		
Weight	750 kg	875 kg	1000 kg
SPD	DC TYPE II / AC TYPE II		
Lifting Options	Fork / Crane		
Monitoring			
Diaplay	7" Touchscreen LCD		
Communication With Portal	RJ 45		
Remove Control System	EG Cloud		