



G-MAX SERIES

ALL-IN-ONE

The Max Series accommodates "All-in-one" design philosophy, integrating battery with longevity, intelligent BMS, high performance PCS, preventive safety system, smart distribution system and heat dissipation management system into one standard container for standardized manufacturing and simpler installation.



Safe



Economic



Intelligent



Augmentable

Features

- **Safe:** Compartmentalization design with preventive alarming system.
- **Economic:** Zero power loss with temperature control and frequency variation.
- **Intelligent:** Multiple operation modes including: Peak Shaving, Load Shedding, PV-Storage Energy Control, and Frequency Regulation. Operating data can be transmitted to Fox ESS Cloud via Wi-Fi, 4G or 5G.
- **Augmentable:** Capable of parallel connection upgrade for flexible system size application.



For more Fox ESS Product info,
 please visit www.fox-ess.com



Fox ESS

G-MAX SERIES

GM215kWh-100kW-2h

MODEL		GM215kWh-100kW-2h
BATTERY MODULE DATA		
Battery Type [V/Ah]		LFP 3.2/280
Battery Pack Capacity [kWh]		53.76
Battery System Capacity [kWh]		215
Operating Voltage Range [V]		672 ~ 876
Number of Temperature Sensor		128
AC OUTPUT DATA		
Rated Output Power [kW]		100
Peak Output Power [kW]		110
THDi [%]		<3
Nominal Voltage [Vac]		380/400, 3L/N/PE
Power Factor		>0.99
Adjustable Power Factor Range		-1 ~ 1 (leading ~ lagging)
Nominal Frequency [Hz]		50/60
SYSTEM DATA		
Round Trip Efficiency [%]		>89
DOD [%]		100
Cycle Life		7000@70%EOL
Communication Interfaces		RS485/Ethernet
Ingress Protection		IP55
Cooling type		Liquid cooling
Altitude [m]		≤3000
Operation Temperature [°C]		-25 ~ 55
Operation Humidity [%]		5 ~ 95, non-condensing
Noise [dB]		<75 @1m
Dimension (W*D*H) [mm]		1000*1500*2200
Fire Protection		Aerosol
Weight [Kg]		2500
Grid Code		CEI-021/EN 50549-1/EN 50549-2
Safety/EMC		IEC62619/IEC62477/EC61000/UN38.3