

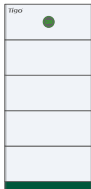
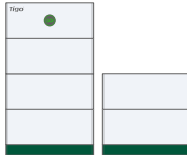
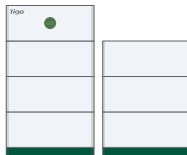


GO Battery (US)

An Optimized and scalable energy storage system

- Scalable Energy Storage: Expandable from 5 kWh up to 30 kWh in a compact footprint.
- Battery Module Optimization: Built-in Battery Management System (BMS) for balancing, monitoring, and protection.
- Safe & Proven Chemistry: Lithium Iron Phosphate (LFP).
- Outdoor-Rated Durability: NEMA 4X enclosure for all-weather protection.
- Efficient Architecture: Works seamlessly with Tigo EI Inverter + ATS for reliable backup power.

GO Battery

Battery System	TGB-5.0 US	TGB-10 US	TGB-15 US	TGB-20 US	TGB-25 US	TGB-30 US
						
No. Of battery modules	1 modules	2 modules	3 modules	4 modules	5 modules	6 modules
Nominal capacity	5 kWh	10 kWh	15 kWh	20 kWh	25 kWh	30 kWh
Nominal power ¹	2.5 kW	5 kW	7.5 kW	10 kW	11.4 kW	11.4 kW
Peak output power ²	3.5 kW, 60 s	7kW, 60 s	10.5 kW, 60 s	14 kW, 60 s	17.5 kW, 60 s	19.2 kW, 60 s
Dimensions (W x D x H) ³	27.1×7.3×27.8 in	27.1x7.3x39.4 in	27.1x7.3x51 in	27.1x7.3x62.6 in	27.12x7.3x51 in ³	27.12x7.3x51 in ³
Weight (lbs)	159 lbs	269 lbs	379 lbs	489 lbs	613 lbs	723 lbs
Nominal voltage	400 V					
Operating voltage range	380 V - 550 V					
Compatible inverter	Tigo EI Inverter					
Battery type	Lithium Iron Phosphate (LFP)					
Protection Class	NEMA 4X					
Installation	Wall-mounted or Floor installation			Wall-mounted or Floor installation ⁴		
Operating temperature	−20°C to 50°C (−4°F to 122°F)					
Relative humidity	5% to 95% (non-condensing)					
Cooling	Natural					
Noise	40 dB					
Altitude	≤ 4000 m					
DoD	90%					
Cycle life	> 6000 cycles					
Warranty	11 years					
Certifications	UL 9540, UL 9540A, UL 1973, UN 38.3, FCC part 15 class B					

GO Battery

BMS module	TG-BMS-30-US
Maximum current	32A
Input voltage range	380 V – 550 V
Power cable to inverter	8 AWG
Communication port	RS485
Dimension (W/D/H)	27.1 x 7.3 x 11.6 in
Weight	35 lbs
Battery Module	TGB-5.0-US
Nominal energy	5 kWh
Nominal capacity	100 Ah
Operating voltage range	330 V – 450 V
Dimensions (W/D/H)	27.1 x 7.3 x 11.6 in
Weight	110 lbs

¹ Max Charge/discharge is limited by inverter power and derates with temperature and SOC.

² Depends on Inverter peak power.

³ Include BMS, Battery Module and Battery Base.

⁴ Additional wall mount or floor mount expansion kit is needed. Refer to order information.

Ordering Information

#	Part Number	Model Number	Kits	Note
A	705-2030H0-0001	TG-BMS-30-US	GO Battery US BMS Kit	BMS + Base + Wall Brackets + Cables
B	702-2005H0-0001	TGB-5.0-US	GO Battery US Module Kit, 5kWh	Battery Module + Cables + Mounting Bracket
C	707-200000-0201	TGB-EXP-US*	GO Battery US Expansion Kit	Base + Mounting Brackets + Cables
D	707-200000-0301	TGB-WMK-US**	GO Battery US Wall Mount Kit	Wall Mount Brackets + Nuts + Screws

* Required when more than four battery modules are connected to a single BMS.

** Applicable for wall mount installations only.

More Resources

