



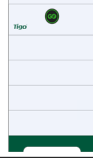

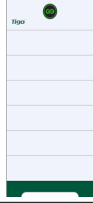
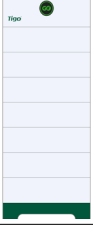








# GO Battery (EU)

## A Flexible and Smart energy storage system

- Flexible Energy Storage: Expandable from 7.3 kWh up to 47.9 kWh in a compact footprint
- Fast installation with light and stackable plug-and-play battery modules
- Outdoor-Rated Durability: IP65 enclosure for indoor and outdoor installations
- Efficient Architecture: Works seamlessly with Tigo EI Inverter for reliable backup power and efficient energy management through the Tigo EI app
- Safe & Proven Chemistry: Lithium Iron Phosphate (LFP)

### GO Battery

Battery System	TGB-7.2	TGB-10.8	TGB-14.4	TGB-18.0	TGB-21.6	TGB-25.2
						
No. of battery modules <sup>1</sup>	2 modules	3 modules	4 modules	5 modules	6 modules	7 modules
Nominal energy	7.3 kWh	11.0 kWh	14.7 kWh	18.4 kWh	22.1 kWh	25.8 kWh
Nominal power	3.5 kW	5.3 kW	7.1 kW	8.9 kW	10.7 kW	12.5 kW
Peak output power	5.1 kW	7.6 kW	10.2 kW	12.8 kW	15.3 kW	17.9 kW
Dimensions (W x H x D)mm	510 x 563 x 365	510 x 701 x 365	510 x 839 x 365	510 x 977 x 365	510 x 1115 x 365	510 x 1253 x 365
Nominal voltage	102.4 V	153.6 V	204.8 V	256.0 V	307.2 V	358.4 V
Operating voltage range	90 - 116 V	135 - 174 V	180 - 232 V	225 - 290 V	270 - 349 V	315 - 406 V

Battery System	TGB-28.8	TGB-32.4	TGB-36.0	TGB-39.6	TGB-43.2	TGB-46.8
						
No. of battery modules	8 modules	9 modules	10 modules	11 modules	12 modules	13 modules
Nominal energy	29.4 kWh	33.1 kWh	36.8 kWh	40.5 kWh	44.2 kWh	47.9 kWh
Nominal power	14.3 kW	16.1 kW	17.9 kW	19.7 kW	21.5 kW	23.3 kW
Peak output power	20.4 kW	23.0 kW	25.6 kW	28.1 kW	30.7 kW	33.2 kW
Dimensions (W x H x D)mm	510 x 1391 x 365	510 x 1529 x 365	510 x 977 x 365+ 510 x 937 x 365	510 x 1115 x 365+ 510 x 937 x 365	510 x 1115 x 365+ 510 x 1075 x 365	510 x 1253 x 365+ 510 x 1075 x 365
Nominal voltage	409.6 V	460.8 V	512.0 V	563.2 V	614.4 V	665.6 V
Operating voltage range	360 - 465 V	405 - 522 V	450 - 580 V	495 - 636 V	540 - 695 V	585 - 750 V

## General Information

Compatible inverter	Tigo EI Inverter
DoD <sup>2</sup>	90%
Recommended charge / discharge current <sup>3</sup>	35 A
Max. Charge / discharge current	50 A
Cycle life <sup>4</sup>	> 6000 cycles

## Environmental Requirements

Charge temperature	-30°C to 53°C (with heating function) / 0°C to 53°C (without heating function)
Discharge temperature	-30°C to 53°C (with heating function) / -20°C to 53°C (without heating function)
Storage temperature	-20°C to 30°C (12 months) / +30 to 50°C (6 months)
Relative humidity	4% to 100% RH (condensing)
Protection Class	IP 65
Installation	Floor mounted
Altitude	≤ 3000 m
Certifications	CE, UKCA, UN38.3, IEC62619, IEC63056, EN62477, EN/IEC61000-6, VDE-AR-E2510, CEI0-21

## GO Battery

<b>Battery Module</b>	<b>TGB-M3.6</b>
Nominal energy	3.68 kWh
Battery type	Lithium Iron Phosphate (LFP)
Dimensions (W x H x D) mm	510 x 152 x 365
Weight	34 (±1) kg
<b>BMS module</b>	<b>TGM-48</b>
Communication port	CAN 2.0 / RS485
Dimensions (W x H x D) mm	510 x 197 x 365
Weight	13 (±0.5) kg
<b>Expansion kit (for 2 battery column)</b>	<b>TGB-A</b>
Dimensions (W x H x D) mm	510 x 157 x 365
Weight	10 (±0.5) kg

<sup>1</sup> Single-phase inverter from 2 to 8 battery modules; three-phase inverter from 3 to 13 battery modules

<sup>2</sup> Test conditions: 90% DoD, 0.2C charge & discharge @+25°C

<sup>3</sup> Current depends on temperature and SOC

<sup>4</sup> Test conditions: 25°C, 0.5C charge and discharge, 70% EOL

## Ordering Information

#	Part Number	Model Number	Kits	Note
A	705-400000-0001	TGM-48	GO Battery EU, BMS Kit	BMS, base, bracket, screws and cables
B	702-4003H6-0001	TGB-M3.6	GO Battery EU, Battery Module	Battery module, screws
C	707-400000-0001*	TGB-A	GO Battery EU, Expansion Kit	Expansion box, base, bracket, screws and cables

\* A second column is required for configurations over nine modules

## More Resources

