

MG Energy Storage System - Gen 1

TCI Basic 5 & TCB Basic 5



⚙️ *Modular Design. A market-proven cornerstone, built on classic reliability.*

Technical Specification

Model	TC B05 III
Type of Battery	LiFePO4
Energy	5222Wh
Nominal Battery Capacity(KWh)	5.222Kwh
Usable Battery Capacity(KWh)	5.118Kwh
Rated DC Power	5Kw
Capacity	102AH
Standard Voltage	51.2V
Operating Voltage Range	40~58.4V
Maximum Charging Current	100A
Maximum Discharge Current	100A
Standard Charging Current	50A
Standard Discharge Current	50A
Depth Of Discharge	98%
Service Life	10 Years
Cells in Series and Parallel	1 In Parallel And 16 In Series
Operating Temperature	Charge: +5~ +60°C Discharge: -10 ~ +60°C
Operating Humidity	5~95%
Standard Working Height	<3000m
Level Pf Protection	IP20
Communication Channel Number	CAN/RS485
Certificate	MSDS、CE、UN38.3、ROHS
Installation Method	floor-type
Weight	45±3 Kg
Country Of Origin	China