🛡 SAFETY

- Pack certifications: UN38.3, CE, E-Mark, UL1973
  Cell certifications: UN38.3, UL9540A, IEC62619
- Waterproof IP67, with safety valve
- Insulated enclosure to prevent short circuit

◎ INTELLIGENT

- Support Bluetooth APP, APP support customization
- Communication mode: CAN/RS485. can be compatible with mainstream inverters
- On/off switch, LED indicator, check the SOC of the battery
- Cloud platform OTA, Bluetooth upgrade BMS firmware

🔋 FLEXSIBLE

- Up to 16 batteries can be connected in parallel

🌿 RELIABLE

- Independent charge and discharge protection
- Intelligent BMS management includes protection functions for high/low voltage, high/low temperature, overload, and short circuits
- Support low temperature heating, can charge at temperatures down to -20℃(-4℉)

Model	R-T2460A	R-T24100B	R-T36100B
Nominal voltage	25.6V	25.6V	38.4V
Nominal energy@0.2C	1536Wh	2560Wh	3840Wh
Nominal capacity@0.2C	60Ah	100Ah	100Ah
Internal resistance@1khz AC	≤30mΩ	≤30mΩ	≤30mΩ
Allowed MAX. charge current	60A | @25℃	100A | @25℃	100A | @25℃
Allowed MAX. discharge current	80A | @25℃	120A | @25℃	120A | @25℃
Recommend charge current	30A	50A	50A
Recommend discharge current	40A	100A	100A
Peak/Surge current limit	200A@3s	500A@3s	500A@3s
Short circuit protection	800A@500μs	1200A@500μs	1200A@500μs
Charge voltage	28.4V	28.4V	42.6V
Floating voltage	27.6V	27.6V	41.4V
End of discharge	22.4V	22.4V	33.6V
Communication	Bluetooth, CAN and RS485		
IP rating	IP67		
Cycle life	≥6000 cycles, @25℃, @0.2C, @80%DOD		
Weight	≈14kg (30.8 lbs)	≈23kg (50.7 lbs)	≈37.5kg (82.7 lbs)
Dimensions(W*H*D)	308*168*211mm (12.1*6.6*8.3 inch)	485*172*232mm (19.0*6.7*9.1 inch)	500*265*232mm (19.6*10.4*9.1 inch)
Parallel and series connection	Support Max. 16 in parallel		
Terminal and torque	M8 bolt | 8-10N·M		
Operation altitude	< 3000m		
Operation temperature	Charge -20~60℃ (-4℉ ~ 140℉) , Discharge -20~60℃(-4℉ ~ 140℉)		
Self-discharge rate(shutdown)	≤3% Per month		
Recommended storage temperature	-10℃ ~ 40℃ (14℉ ~ 104℉)		
Recommended humidity	5 ~ 85%RH		
Certifications	Pack: UN38.3, CE, E-Mark, UL1973 Cell: UN38.3, UL9540A, IEC62619		

T-Premium Series