



Technical Specifications

Model	TG-Box-48300	TG-Box-48400	TG-Box-48500	TG-Box-48600	TG-Box-48700	TG-Box-48800
Nominal Voltage	48V/51.2V(optional)					
Capacity	300Ah	400Ah	500Ah	600Ah	700Ah	800Ah
Energy	15KWH	20KWH	25KWH	30KWH	35KWH	40KWH
Internal Resistance	≤60mΩ					
Cycle Life	≥5000cycles@80%DOD,25°C , 0.5C ≥4000cycles@80%DOD,40°C , 0.5C					
Design Life	≥10 years					
Charge Cut-off Voltage	53V ±0.5V(15S);56.0V±0.5V(16S);					
Max. Continuous Work Current	200A	300A	400A	400A	400A	400A
Discharge Cut-off Voltage	45V±1.0V(15S);48V±1.0V(16S);					
Charge Temperature	0°C~60°C (Under 0°C extra heating mechanism)					
Discharge Temperature	-20°C~60°C (Under 0°Cwork with reduced capacity)					
Storage Temperature	-40°C~55°C @ 60%±25% relative humidity					
Dimensions(mm)	600*600*988	600*600*1166	600*600*1388	600*600*1610	600*600*1833	600*600*2055
Weight(Approx)	240kg	300kg	360kg	420kg	480kg	540kg
Protocol (optional)	RS232-PC,RS485(B)-PC RS485(A)-Inverter,Canbus-Inverter					
Certification	UN38.3,MSDS,UL1973(Cell),IEC62619(Cell)					



Technical Specifications

Model	TG-Box-48600	TG-Box-48800	TG-Box-481000	TG-Box-481200	TG-Box-481400	TG-Box-481600
Nominal Voltage	48V/51.2V(optional)					
Capacity	600Ah	800Ah	1000Ah	1200Ah	1400Ah	1600Ah
Energy	30KWH	40KWH	50KWH	60KWH	70KWH	80KWH
Internal Resistance	≤60mΩ					
Cycle Life	≥5000cycles@80%DOD,25°C , 0.5C ≥4000cycles@80%DOD,40°C , 0.5C					
Design Life	≥10 years					
Charge Cut-off Voltage	53V ±0.5V(15S);56.0V±0.5V(16S);					
Max. Continuous Work Current	200A	300A	400A	400A	400A	400A
Discharge Cut-off Voltage	45V±1.0V(15S);48V±1.0V(16S);					
Charge Temperature	0°C~60°C (Under 0°C extra heating mechanism)					
Discharge Temperature	-20°C~60°C (Under 0°Cwork with reduced capacity)					
Storage Temperature	-40°C~55°C @ 60%±25% relative humidity					
Dimensions(mm)	600*800*988	600*800*1166	600*800*1388	600*800*1610	600*800*1833	600*800*2055
Weight(Approx)	350kg	460kg	570kg	680kg	780kg	900kg
Protocol (optional)	RS232-PC,RS485(B)-PC RS485(A)-Inverter,Canbus-Inverter					
Certification	UN38.3,MSDS,UL1973(Cell),IEC62619(Cell)					