

DATA SHEET

DC TELCO STANDARD

100Ah 48V 5kWh



SPECIFICATIONS

Battery Type	LiFePO4
Usable Capacity	100Ah
Nominal Voltage	53.25V
Operating Voltage Range	40.5V – 54.0V
Operating Temperature Range	-20°C to 60°C
Cycle Life @ 100% DOD	4800Wh
Cycle Life @ 80% DOD	3840Wh
Cycle Life @ 70% DOD	3360Wh
Dimensions (mm)	W:442 x H:222mm x D:400mm
Weight (kg)	47kg
Warranty Period	3000 Cycles
Bulk Voltage	54V
Discharge Voltage (min)	40V
Charge Current (max)	57.6V
Self-Discharge Rate	<2% per month
Charge & Discharge Efficiency	Charge: 99% Discharge: 96%
Isolator	150A
DC Breaker	1 x 50A
Over-current Protection	150A
Over-voltage Cut out	62.4V (3.90V on any cell)
Under-voltage Cut out	45.6V (2.85V on any cell)

