

DATA SHEET
DC TELCO PRO
48V 100Ah 5kWh NMC



SPECIFICATIONS

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Battery Type	NMC
Nominal Voltage	48V
Battery Model	100Ah and/or 150Ah depending on Model
Capacity	0.2C Discharge Rate to 39.0V(25°) 100Ah
Energy	0.2C Discharge Rate to 39.0V(25°) 4800Wh
Discharge Current cut-off	100A
Recommended max discharge current	95A
Recharge Current Limitation	50A
Recommended Max Recharge Current	45A
Charge Voltage to 100% SOC	54.60V
Charge Voltage to 80% SOC	52.0V
End of Discharge Voltage	39.0V
Calendar Life	>15 Years
Cycle Life @ 80% SOC	>6000
Normal Operating Temperature Range	+5°C to 50°C
Extended Operating Temperature Range	-20°C to 70°C
Storage Temperature	-20°C to 50°C
Weight	36.5kg
Dimensions	W:440mm D:358mm H:174mm
Max number of modules in parallel	No limit
Humidity	5 – 95%
Communication Port	RS485, RJ45 port & 3 pin digital alarm output (NO/NC)
Battery Management System	BMS Included in each battery module
Management & Monitoring	Software for PC included for full local monitoring and management. Remote connection with CAN2.0 or Modules