

EV Technical Data Sheet

Model	PST-5.12kWh
Battery Chemistry	LiFePo4
Cell Type	Prismatic
Capacity	100Ah
Nominal Voltage	51.2v
Operating Voltage	43.2v - 57.6v
Energy	5.12kWh
Dimensions L/W/H	790x440x140 (mm)
Weight	95kg
Charge Current	0.5C Rate Charging (50A)
Discharge Current	1C Rate Discharge (100A)
Depth of Discharge (DOD)	90%
For Mobile Interface	Bluetooth (Optional)
Communication	RS 485/CAN 2.0/BT (Optional)
IP Rating	IP54
Operating Temperature	0 – 55 °C
Storage Temperature	0 – 35 °C
Cycle Life	≥3000 (25 °C, 0.5 C Chg. & Dis chg., 70% EOL)
Applications	Forklift/Pallet Stacker/E – Rickshaw/Golf Cart/EV Application
Warranty Period	Manufacturing warranty of battery pack is 3 years or 3000 cycle life whichever comes first due for warranty