

TH-48-LV280-1.0

Cell Balancing Technology	Power Bank LiFePo4
Battery Cell model	EVE LF280K (with factory test report from EVE)
Nominal Voltage (V)	51.2V (16x3,2V)
Nominal Capacity (Ah)	280Ah (@0.5C discharge current 25±2°C)
Nominal Power (kWh)	14.2kWh
Dimensions (mm)	710x445x250mm
Weight (kg)	129 kg
Discharge Cut-off Voltage (V)	43.2V
Charge Voltage (V)	57.6V
Continuous Charge/Discharge Current (A)	140A @25±2 °C 0°C ~ 50 °C (charge) -10°C ~ 50 °C (discharge) -30°C ~ 60 °C (storage)
Working temperature	
SOC Range	5% - 100%
Recommended SOC Range	10% - 95%
Communication Interface	CANBus and RS485
Humidity	10% - 85% non-condensing
Overcharge Protection	Yes
Undercharge Protection	Yes
Cell Balancing	Yes (passive 150mA between 3,4-3,65V)
Temperature Protection	Yes
Built-in heaters	Yes (2 x 80W)
Cooling mode	Natural cooling
Built-in fuse	180A
Certificates	CE, UN38.3

