



# TH-Rock Battery Series



# Rack Battery Series EVE&REPT CELL



Indoor installation plan



Outdoor installation plan

## Technical Specifications(BAT)

Model	TH-51280-R
Nominal Voltage	51.2V(16series)
Cell model/Configuration	3.2V280Ah(EVE)/16S1P(51.2V)
Capacity(Ah)	280AH
Rated Energy(KWH)	14.336KWH
Usable Energy(KWH)	12.9KWH
Max. Charge/Discharge Current(A)	150A /150A
Voltage Range(Vdc)	48-56.5V
Scalability	Up to 10 parallel
Communieation	RS232-PC,TYPE-C(PC),RS485-Inverter,Canbus-Inverter
Cycle Life	≥6000cycles@25°C , 90% DOD , 60%EOL
Design Life	≥15 Years(25°C )

## MECHANICAL SPECIFICATIONS

Weight(Approx)(KG)	Approx:115kg
Dimension (W/D/H)(mm)	483*780*230mm
Installation Mode	Stack
IP Grade	Ip21(Optional)

## SECURITY AND CERTIFICATION

Safety(Pack)	CE-EMC,UN38.3,MSDS
Safety(Cell)	UN38.3,MSDS
Protection	BMS, Breaker

## ENVIRONMENTAL SPECIFICATIONS

Operating Temperature(°C)	Charge:-10°C~50°C ; Discharge : -20°C-50°C
Altitude (m)	≤2000
Humidity	≤95%(Non-condensing )

