

BATTERY

M166280-S



Model	M166280-S
Physical Parameters	
Battery Type	LiFePO4
Pack	3.2 V / 280 Ah @ 1P52S
Weight	333 kg
Dimensions (W x D x H)	810 x 1100 x 237.5 mm
Ingress Protection	IP67
Performance Parameters	
Rated Voltage	166.4 V
Operating Voltage	140.4 ~ 187.2 V
Nominal Capacity	46.6 kWh
Cycle Life	≥6000 @ 0.5 P 25°C
Rated Charging and Discharging Power	23.3 kW (0.5 P)
Operating Temperature Range	-30°C ~ 50°C*
BMS	
Energy Loss	1W
Monitoring Parameters	The voltage and temperature of the cell, the temperature of the PCBA
Communication Interface	CAN

* Max. charge/discharge current derating will occur related to temperature and SOC.



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