

LiFePO₄ Large energy storage series

1 MWh Microgrid Energy Storage System

Function	Peak cut、Reserve electricity
Battery Type	LiFePO ₄
Type of energy storage system	Grid connection、Off grid
Rated capacity	1MWH
Battery box	128
Battery size(mm)	12192*2438*2896
Communication mode	RS485/Ethernet/CAN/ optical fiber
Battery cabinet	16
AC rated voltage	AC380V
Rated power	500kW
Max DC power	550kW
Max DC current	1100A
Charging time:	2.5-3 hours
Cycle life	85%DOD,over 6000 cycles

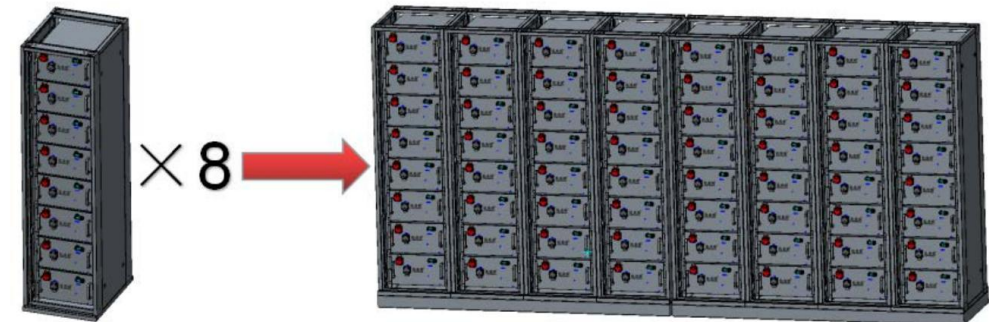
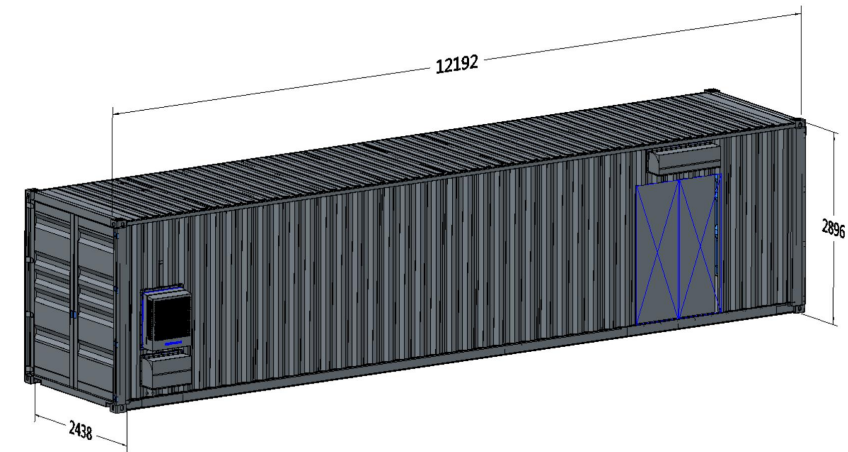


Figure 5-6 Structure of the battery rack