

1MWH LIFEPO4 INDUSTRIAL ENERGY STORAGE POWER STATION

DC side parameters:

DC voltage range: 600V ~ 900V

DC current: 873A

DC power: 550kW

Number of battery branches: 1/4/8

AC grid connection parameters:

Rated output power: 500kW

Rated grid voltage: 380V \pm 15%

Power grid frequency range: 50Hz / 60Hz \pm 2.5Hz

AC rated current: 760A

Output THD i: \leq 3%

Grid-connected power factor: -1 ~ + 1

Grid-connected charging method: Constant current, constant power charge and discharge, support three-stage charging (pre-charge \rightarrow uniform charge \rightarrow floating charge)

AC off-grid parameters:

AC off-grid voltage: 380V \pm 10%

AC off-grid frequency: 50Hz / 60Hz

DC component of output voltage: \leq 200mV

Other:

Noise: 70dB

Temperature range: -20 $^{\circ}$ C ~ 50 $^{\circ}$ C

Protection class: IP20

Altitude: 3000M

Size: 1100 * 2160 * 800cm

Communication method:

Display: touch screen

PC communication method: ModBus TCP / IP

Communication Interface: Network port, RS485 , CAN

