



# BESS SPECIFICATION

All in One Series

## Distributed Air Cooled BESS System

Model	LP600BESS
Stored Battery Power	627kWh

## Battery

Cell Type	LFP(LiFePO4)
Pack Capacity	52.25kWh
Pack Rated Voltage	166.4VDC
Cyclic Life	8000(0.5C@90%DOD)
Battery Voltage of Rack	832VDC
Connection of Rack	5S4P

## PCS

Max. Current (AC)	728A
Max. Output Power	600kW
Rated Output Power	500kW
AC Input Voltage Range	380-415Vac
Rated Frequency Range	50/60Hz(±2.5Hz)
PF	1 lagging-1 leading
AC Connection	3W+N+PE
Max. Efficiency	99%
Transformer	NA
Communication	CAN/RS485
Grid-tied Certificates	EN50549,NRS 097, C10/11,VDE4105, G99
Safety & EMC Certificates	IEC61000, IEC62477

## EMS

Display and Monitor	Local screen
Function	Energy management and coordinated control of energy storage system

## General Data

Dimension(mm)	10-Foot Containers
Weight	10T

## Compatible Diesel Generator

Rated Power	≤300 kW
Rated Voltage	400 / 480V
Rated Frequency	50 / 60 Hz