

BSB-ESS

BSB-ESS-280AH-HV-LUXURY



Optional Customization Types



**CONNECT 15 UNITS
BATTERY**



**EQUIP WIFI
MONITORING SOFTWARE**



FAN COOLING



**COMPATIBLE
WITH ALL INVERTER**

| Model | BSB-ESS-51.2V-280Ah-HV-Luxury | BSB -ESS-51.2V-280Ah-HV-Luxury Assembly |
|---|--|---|
| Nominal voltage | 51.2V | 204.8V~768V(4~15 battery pack) |
| Nominal capacity | 14.336kWh | Max 243.712kWh |
| Cell technology | LFP (LiFePO4) | |
| Charging protection voltage | 57.6V | Max 1000V |
| Discharge protection voltage | 46.4V | Min 150V |
| Operating voltage | 46.6V-57.6V | 150V-1000V |
| Standard charging & discharging | ≤ 70A | ≤ 70A |
| Maximum continuous charging & discharging | 120A | 120A |
| Display | SOC status indication, Alarm indication, WIFI Monitor | |
| Communication | CAN | |
| Dimension (W*D*H) | 530(W)*270(D)*834(H)mm | 530(W)*270(D)*834(H)mm |
| Weight Approximate | ≈135kg | ≈25kg |
| Discharging temperature range | -20~55℃ | -20~55℃ |
| Charging temperature range | 0~55℃ | 0~55v℃ |
| Storage Temperature | -10~45℃ | -10~45℃ |
| Environmental humidity | 5%-85% | 5%-85% |
| Protection rating | IP20 | IP20 |
| Cycle life | 6000 Cycles @ 80% DOD / 25℃ / 0.5C, 70% EOL | |
| Compatible PCS | 1:Deye 2:Luxupower 3:Solis 4:PYLON 5:Solax 6:MEGAREVO 7:KOYOE 8:G00DWE 9:AFORE 10:ATESS 11:SO FAR 12:INVT_BD 13:GROWATT | |
| Certificates | UN38.3/MSDS | |

System Diagram

