# 241kWh

Commercial & Industrial DESS

## High Compatibility

Work with Solis, GoodWe,
Solinteg hybrid inverter, easy operation

## Safe

13automatic fire extinguishers
121 temperature sensors

## Scalability

Up to 24 units in parallel

## Efficient

RTE ef ici enc yup to89%
3% higher than similar products

APPLICATION SCENARIOS:

boostess.energy
https://boostess.energy
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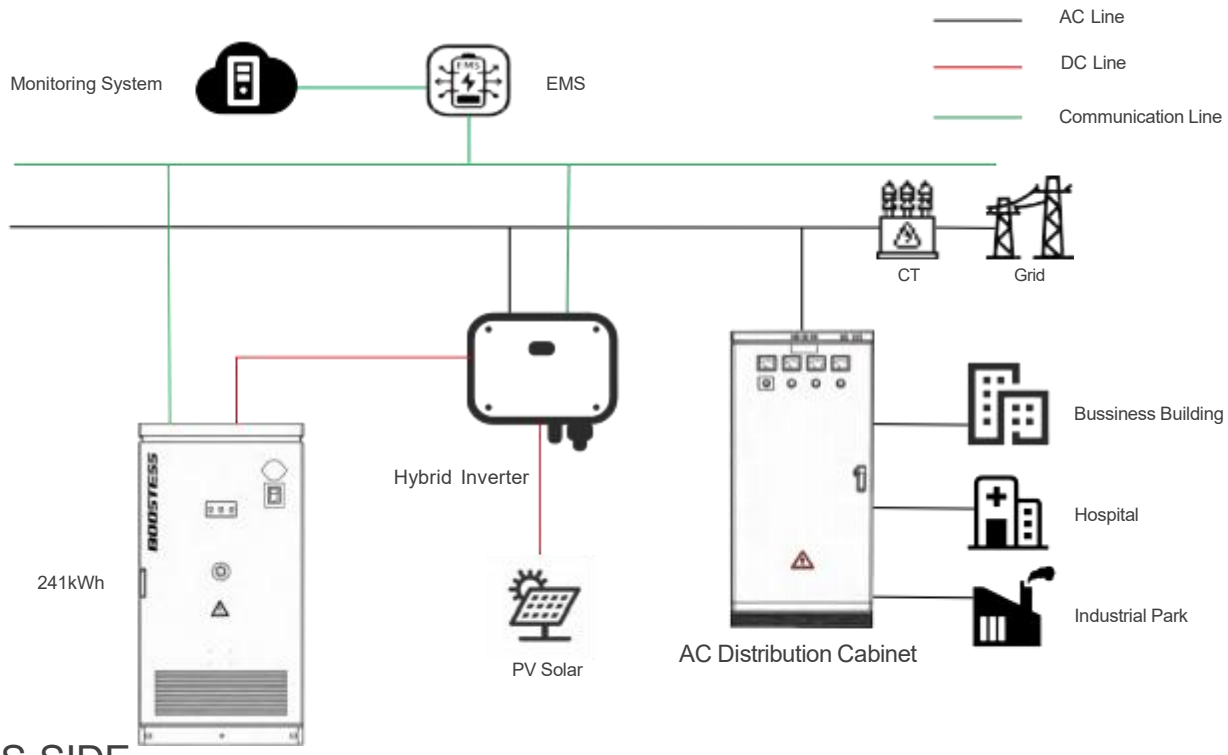


# DESS SIDE

| | | | |
|---|---|---|---|
| | DC Parameter | | |
| Battery Type | LFP | Voltage Range | 672V-864V/336V-432V |
| Configuration | 1P240S/2P120S | Cooling Mode | Air Conditioning Cooling |
| Rated Capacity | 314Ah | Battery Cycle | 6000@25℃, 80%DOD 0.5P |
| Rated Energy | 241.152kWh | Fire Protection | Aerosol Extinguishing*13,Water |
| Rated Voltage | 768V/ 384V | Sensor | CO, smoke, temperature, water leak |
| Rated Charge/Discharge Rate | 0.5P | | |
| | System Parameter | | |
| Operating Temperature | -20℃~55℃(＞45℃ derating) | | |
| Noise | s75dB | | |
| Size (W*D*H mm) | 1200*1600*2300 | | |
| Weight | About 2.5t | | |
| Protection | IP54 | | |
| Humidity | 0-95%(no condensation) | | |
| Altitude | S4000m(degraded above2000m) | | |
| Communication Interface | CAN, Ethernet | | |
| Communication Protocol | ModbusTCP, MQTT | | |
| Application | peaks having, VPP, Surplus solar energy storage, Off-grid | | |
| Certification | IEC62477, IEC63056, IEC62619, IEC 61000, UN38.3 | | |
| Units expansion | On-grid :up to 10 units in parallel Off-grid: up to 6 units in parallel | | |

# BATTERY PACK SIDE

| | Battery Pack Parameter |
|---|---|
| Battery type | LFP 314Ah |
| Battery capacity | 20.096kWh |
| Battery configuration | 1P20S |
| Rated battery voltage | 64V |
| Battery voltage range | 56~72V |
| Weight | 138kg |
| Dimensions (W*H*D) | 490*896.5*230mm |
| Rated charge | 157A |
| Relative humidity | 0~95%RH (non-condensing) |
| Max. Operation altitude | 4000m(derate above 2000m) |
| Ingress protection | IP20 |
| Certifications | IEC 62619, EN/IEC 61000, UN38.3 |