

**FULL
NRG**

FULL NRG KFT

OUTSTANDING 8,500CYCLES, 15YEARS WARRANTY

**NEW 8.3KWH
Stackable Lithium
Solar Battery**

Product Features

Safe & Reliable

CE/MSDS/UN38.3/UL1973/IEC62619 certified

LiFePO4 most Safest lithium chemistry type

Inbuilt smart BMS with all protection

Top Quality & Powerful

CATL prismatic cells, brand new, grade A

Outstanding >8,500cycles @ 99%DOD

Excellent 15years full warranty

Support parallel connection up to 16pcs

ECO Friendly & Compatibility

Compatible with all 48v hybrid inverters in the market

Maintenance free, Low carbon



Specifications

| No | Items | Value | Remark |
|----------------------------|----------------------------------|---------------------|-----------------|
| Cell unit parameter | | | |
| 1 | Battery types and materials | LiFePO4 | |
| 2 | Rated voltage/capacity | 3.2V 161.2Ah | Actual >= 170AH |
| 3 | Single battery voltage range | 2.5V~3.65V | |
| 4 | Single battery weight | 3.5Kg | |
| 5 | Battery internal resistance | ≤ 0.6mΩ | |
| 6 | Battery Cell Size | 220*62*88mm (L*W*H) | |
| Battery parameter | | | |
| 1 | Rated voltage | 51.2V | |
| 2 | Rated capacity | 161.2Ah | |
| 3 | Battery pack voltage range | 44.0V~58.4V | |
| 4 | Total Energy | >=8.3kWh | |
| 5 | Combination | 1P16S | |
| 6 | Insulation resistance test value | ≤20MΩ | |
| 7 | Charging temperature | 0 ~ 45°C; | |
| 8 | Discharging Temperature | -20 ~ 60°C | |
| 9 | Standard charging current | ≤100A | |
| 10 | Standard discharge current | ≤100A | |
| 11 | Net weight | About 70KG | |
| 12 | Battery size | 620*425*230mm | |
| 13 | Installation Method | Stacked | |
| 14 | Communication | RS485/CAN/RS232 | |