

# STAR Q-PLUS

## PV-ESS-Diesel All-in-One System

- 125kW | 250kWh
- CATL 306Ah LFP Battery Cells
- On/Off-Grid Operation



PV

+



ESS

+



Diesel Generator

### One-Button Start/Stop

Independent Power Box, Quick Connector

All-in-One Design, Easy Installation

### 250kW High Capacity

CATL 306Ah LFP Cell

Solis 125kW Hybrid Inverter

### < 10ms Auto On/Off-Grid Switch

10min Rapid Maintenance

Supports Back-to-Back Placement

### Maintenance-Free for Lifecycle

Innovative Fanless Design

IP67 Battery Pack

### Real-Time APP Monitoring

Intelligent Data Collection

Full-Period Leakage Current Detection



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| STAR Q-PLUS                                 |                              |
|---------------------------------------------|------------------------------|
| <b>Battery Parameters</b>                   |                              |
| Cell Type                                   | LFP                          |
| Cell Capacity                               | 306Ah                        |
| Nominal Energy                              | 250.67kWh                    |
| Max. Charge/Discharge Rate                  | 0.5P/0.5P                    |
| Battery Pack IP Level                       | IP67                         |
| Cooling Method                              | Air Cooling                  |
| <b>AC Parameters</b>                        |                              |
| Nominal Power                               | 125kW                        |
| Nominal Grid Voltage                        | 380Vac/400Vac                |
| Nominal Grid Frequency                      | 50Hz                         |
| <b>PV Input</b>                             |                              |
| MPPT Voltage Range                          | 150 ~ 950Vdc                 |
| Max.PV Input Power                          | 240kW                        |
| MPPT Channels/Max. Number of Input Channels | 10/20                        |
| Max.PV Input Current                        | 10*42A                       |
| <b>System Parameters</b>                    |                              |
| Operating Temperature                       | -25 ~55°C ( > 45°C Derating) |
| Humidity                                    | 0~95%, non-condensing        |
| Altitude                                    | ≤ 4000m ( > 2000m Derating)  |
| IP Level                                    | IP55                         |
| Dimensions(W*D*H)                           | 1547*1440*2360mm             |
| On-Off Grid Switching Time                  | < 10ms                       |

Statement: The final right of interpretation of this product information belongs to CNTE. Product parameters, functional descriptions and appearance designs may be adjusted due to the iterative upgrade of the product without prior notice. Please refer to the latest official release information.



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