

Powercity

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 0

Independent Power Box, Quick Connector

All-in-One Design, Easy Installation

250kW High Capacity

CATL 306Ah LFP Cell

Solis 125kW Hybrid Inverter

<1 ms 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
Battery Parameters	
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
AC Parameters	
Nominal Power	125kW
Nominal Grid Voltage	380Vac/400Vac
Nominal Grid Frequency	50Hz
PV Input	
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
System Parameters	
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.