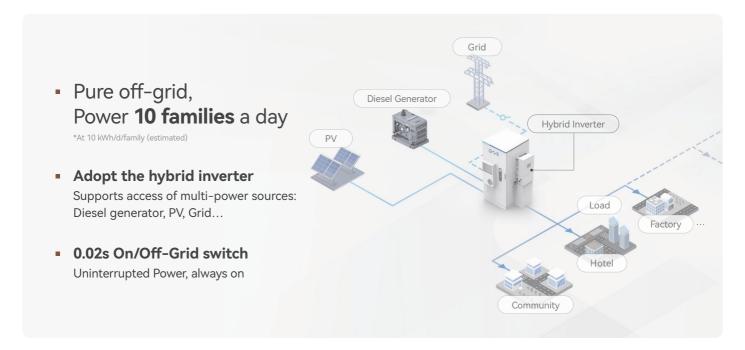




## **STAR Q Product Advantages**



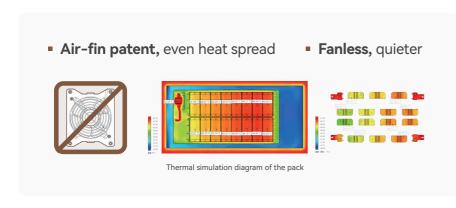
#### Seamless On/Off-Grid, One Cabinet Forms a Micro-Grid



#### **CATL 306Ah** LFP Battery Cell | Service Life ≥ **15years**



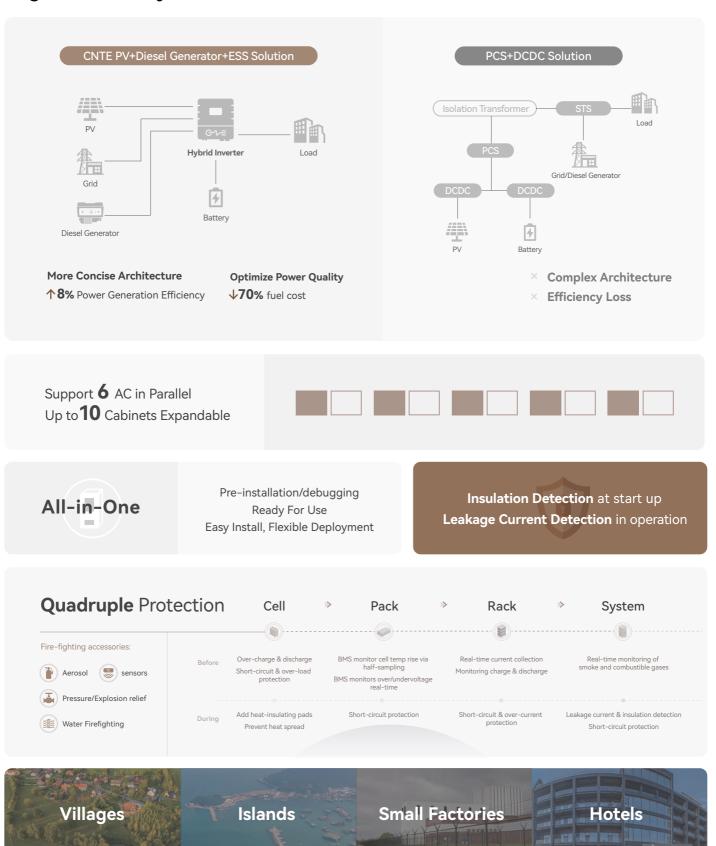
#### Patented Self-Cooling Rack, Lifecycle Maintenance-Free



• IP67 Sealed Protection
Fully isolate condensate water, dust, etc.



### **Higher Efficiency**, **↓70%** Fuel Costs



# **STAR Q Product Specifications**





PRODUCT MODEL	STAR Q
BATTERY SPECIFICATIONS	
Battery Type	LFP
Battery Model	306Ah
Energy Capacity	109kWh
Cycle Life (@25°C, 0.5P)	≥10000
P-rate	≤0.5P
Battery Compartment Ingress Protection	IP67
COMMUNICATION (ON/OFF-GRID)	
Rated output power	50kW
Rated Input Voltage (3/N/PE)	380/400Vac
Rated Frequency	50/60Hz
THDi	< 3%
THDu	< 3%
PV INPUT	
MPPT Voltage Range	150 ~ 850Vdc
Maximun Input Power of PV	96kW
MPPT channels/Strings per MPPT channel	4/2
Max Input Current	40/40/40A
GENERAL SPECIFICATIONS	
On/Off-Grid Switching Time	< 20ms
Cooling Method	Air Cooling
Operating Temperature Range	-25 ~ 55°C
Relative Humidity	0~95% (Non-condensation)
Operating Altitude	≤4000m ( > 2000m derating)
Ingress Protection	IP54
Dimension (W×D×H)	1272×1356.8×2070mm
Weight	≈1.8T
Compliance	EN 50549-1、EN50549-10、VDE-AR-N 4105、NRS 097-2-1、IEC 61000、IEC 62477、IEC 62619、IEC62109、UN38.3

