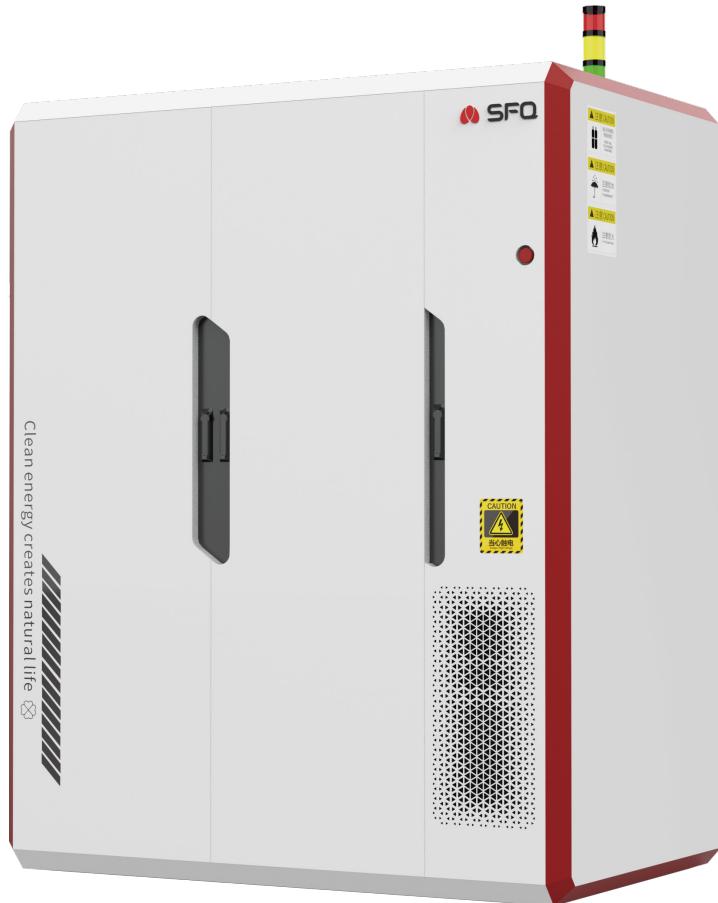


Cohesion-2



/ Product Features

-  Active battery balancing management technology
-  BMS accurately measures SOX with millisecond response time
-  Car grade battery cells, two-layer pressure relief, and cloud monitoring for quick warning, doubling safety
-  Comprehensive digital LCD display
-  BMS collaborative security control technology
-  BMS collaborative cloud platform enables visualization of battery cell status

Model	SFQ-E241
PV parameters	
Rated power	60kW
Max input power	84kW
Max input voltage	1000V
MPPT voltage range	200~850V
Starting voltage	200V
MPPT lines	1
Max input current	200A
Battery parameters	
Cell type	LFP 3.2V/314Ah
Voltage	51.2V/16.077kWh
Configuration	1P16S*15S
Voltage range	600~876V
Power	241kWh
BMS communication interface	CAN/RS485
Charge and discharge rate	0.5C
AC on grid parameters	
Rated AC power	100kW
Max input power	110kW
Rated grid voltage	230/400Vac
Rated grid frequency	50/60Hz
Access method	3P+N+PE
Max AC current	158A
Harmonic content THDI	≤3%
AC off grid parameters	
Max output power	110kW
Rated output voltage	230/400Vac
Electrical connections	3P+N+PE
Rated output frequency	50Hz/60Hz
Max output current	158A
Overload capacity	1.1 times 10min at 35°C/1.2times 1min
Unbalanced load capacity	100%
Protection	
DC input	Load switch+Bussmann fuse
AC converter	Schneider circuit breaker
AC output	Schneider circuit breaker
Fire protection	PACK level fire protection+smoke sensing+temperature sensing, perfluorhexaenone pipeline fire extinguishing system
General parameters	
Dimensions (W*D*H)	1950mm*1000mm*2230mm
Weight	3100kg
Feeding in and out method	Bottom-In and Bottom-Out
Temperature	-30 °C~+60 °C (45 °C derating)
Altitude	≤ 4000m (>2000m derating)
Protection grade	IP65
Cooling method	Aircondition (liquid cooling optional)
Communication interface	RS485/CAN/Ethernet
Communication protocol	MODBUS-RTU/MODBUS-TCP
Display	Touch screen/cloud platform