

E06C1050

104.96 kWh Air-Cooling Energy Storage Cabinet



Highly Flexible Design

Integrated cabinet design enables on-site wiring without assembly.



Fire Protection System

Dual fire suppression system ensures immediate fire control.



Safety & Durability

Corrosion-resistant flame-retardant enclosure with liquid cooling system.



Safe and Reliable

Uses safe, high-energy-density cells with extended lifespan.

MODEL

E06C1050

SYSTEM PARAMETERS

Cell type	LFP
Nominal voltage	3.2V
Cycle Life	≥6000 (@25°C, 70 % EOL)
Configuration method	1P32S
Rated capacity	205Ah
Rated energy	104.96kWh
Nominal voltage	512V
Operating voltage range	456~568V
Rated current	100A
Number of battery packs	5PCS

GENERAL PARAMETERS

Operating temperature	-20°C~45°C (Derating above ambient air temperature of 40°C)
Storage temperature	-20°C~45°C
Cooling capacity @L35/L35	600W
Air conditioner refrigerant	R134a
Relative humidity	0% ~ 95%RH, Non-condensing
Operating altitude	≤2000m
Protection level	IP54
Fire protection	Thermal aerosol
Dimensions (W*D*H) (mm)	1053*1080*1830

INPUT(PV)

Max. PV input power	100kW
Max. operating PV input current (per string)	8*20A d.c.
Full power MPPT voltage range	625~850V d.c

GRID AC INPUT / OUTPUT

Grid rated voltage	380 / 400 V a.c., 3W+N+PE
Grid rated frequency	50Hz/60Hz
Grid rated input active power	50kW
Grid rated input apparent power	50kVA
Grid power factor	0.8 leading to 0.8 lagging
Total Harmonic Distortion(THDi, rated power)	<3%

EPS OUTPUT

EPS rated output Voltage	380/400 V a.c., 3W+N+PE
EPS rated output frequency	50Hz/60Hz
EPS rated output active power	50kW
EPS rated output apparent power	50kVA
EPS output power factor	0.8 leading to 0.8 lagging
EPS output peak power	75kVA(<0.2s)
EPS Max. output overcurrent protection	400V a.c /130A a.c
Switch Time	<20ms
Total Harmonic Distortion(THDv,linear Load)	<3%