

Outdoor Distributed Energy Storage System (Air-cooling)

Cube 60

- "Smart cloud" + APP/WEB real-time tracking, 4G/Wifi enabled
- Support 30kW/50kW, small industrial/commercial use, PV AC/DC 1.3
- 55% space saved; cabinet delivery cuts 50% time/cost
- 0.83C discharge, $\leq 5^{\circ}\text{C}$ temp difference, 30% longer life, $\leq 20\text{ms}$ switch
- IP54&C4 corrosion/salt spray resistance, fire-preventing thermal wires, anti-theft, remote alarm



Model	Cube 60	
System		
Battery Energy (kWh)	61.44	61.44
Rated Power (kW)	30	50
AC Output	400V, 3L+N+PE, 50Hz/60Hz	400V, 3L+N+PE, 50Hz/60Hz
Off-grid Switching Time (ms)	≤20	≤20
Communication	Wifi/ 4G/ USB/ CAN/ RS485	Wifi/ 4G/ USB/ CAN/ RS485
Cooling Method	Air cooling	Air cooling
IP Rating	IP54	IP54
Working Temperature (°C)	-20~55	-20~55
Humidity	5%RH~95%RH	5%RH~95%RH
Altitude (m)	≤3000	≤3000
System Dimensions (W*D*H)(mm)	650*750*2150	650*750*2150
Fire Protection System	Aerosol	Aerosol
Weight (kg)	880	880
Battery		
Battery PACK	5.12kWh/100Ah	5.12kWh/100Ah
Battery System	61.44kWh/100Ah	61.44kWh/100Ah
Battery Voltage Range (VDC)	537.6~691.2	537.6~691.2
Endurance Cycle	6000	3000
Certificates	IEC62619, EN61000-6-1/3, UN38.3, RoHs	
PV		
Max DC Input Power (kW)	39	65
Max DC Input Voltage (VDC)	1000	1000
Rated Input Voltage (VDC)	600	600
MPPT Voltage Range (VDC)	150~850	150~850
MPPT Number/Strings Number per MPPT Tracker	3*6	4*8
AC Side		
Rated Output Active Power (kW)	30	50
Max Output Current (A)	50/47.8	83.4/79.7
THDi	<3%	<3%
THDu	<3%	<3%
PCS Certificates	EN62109, EN61000, IEC62116/IEC61727, EN50549, VDE4105, NRS 097 etc.	

Shenzhen Ruidian Green Energy Technology Co.,Ltd

Office Address: A801 Building 3A, Cloud Park, Bantian, Longgang District, Shenzhen
 Factory Address: No.3, East Hua'n'an Road, Dongjiang Hi-Tech Industrial Park, Huizhou

4008-036-037

www.absenenergy.com

