AC NEWENERGY

60kW All-In-One C&I Hybrid ESS

Air-Cooling

- *Supports PV access*
- *Full-scenario application supporting*
- *20ms switchover*

Model	ESS-C-JG112A-F	ESS-C-JG128-F	ESS-C-JG145A-F
PV Input			
Max.Input Power		38.4kW*2	
Max.Input Current		64A*2	
Input Voltage		200V-800V/250Vdc	
Battery Parameters			
Max. Charge/Discharge Current		150A	
Cell Type		LFP 3.2V 314Ah	
System Configuration		1P16S	
Nominal Capacity	112kWh	128kWh	145kWh
AC(On-grid)			
Rated Power	48kW	55kW	60kW
AC Maximum Current	76A	87A	96A
AC Rated Voltage		3P/N/PE;230V/400V AC	
Frequency		50Hz/60Hz	
Power Factor		0.8(Leading)~0.8(Lagging)	
THDi		<5%(Rated power)	
AC(Off-grid)			
Rated Power	48kW	55kW	60kW
AC Maximum Current	76A	87A	96A
AC Rated Voltage		3/N/PE;230V/400V AC	
Frequency		50Hz/60Hz	
Unbalanced Load		1	
THDv		<3%(Liner load)	
Switch Time		≤20ms	
General			
Size(W*D*H)		1088*1320*2300mm	
Total weight	~1.5t	~1.6t	~1.7t
Cooling method		Air-Cooling	
Operating Temperature		-20～+45℃	
Humidity		5-95%RH(Non-condensing)	
Altitude		≤2000m	
Noise Emission		≤75dB（TBD）	
IP Rating		IP54	
Fire Extinguishing Media		Aerosol	
Compliance	IE/CEN62477-1, IEC/EN 61000-6-2,1EC/EN 61000-6-4,1EC62619,G99,G100,AS47772,EN 50549-1,VDE-AR-N 4105,UN38.3		

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