



Alpha-Centauri

BATTERY SYSTEM DESIGNED FOR PV HOUSEHOLD APPLICATION.



Inverter

Battery





DATASHEET

System Configuration

Installed Capacity	9.6 KWh	19.2 KWh
Connection	4S1P	4S2P
Usable Capacity	4.8 KWh	9.6 KWh
Display	7 Inch Touch LCD	
Communication	Ethernet	
DoD	50%	

Inverter

Model	AEV-3048	GW5048-ES
Dimension (W X D X H)	415 x 170 x 420 mm	516 x 184 x 440 mm
Net Weight	15.5 kg	30 kg
Warranty	3 Years	

Operation Condition

Humidity	0 - 90% RH (No condensing)	0 - 95% RH (No condensing)
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Operating Temperature	0 To 40°C
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Standards & Guidelines

Grid Regulation	VDE4105, VDE0126-1-1+A1, AS4777.2 / .3, IEC62109-2
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Safety	IEC62109-1&-2, AS3100, IEC62040-1
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EMC	EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, EN61000-3-11, EN61000-3-12
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Battery

Model	6-CNFJ-200
Battery Type	Lead Crystal
System Weight	Approx. 62 kg
Dimension (W X D X H)	240 × 533 × 224 mm
Protection Level	IP50
Warranty	5 Years

Electrical

Cycle Life	≥1800 @50%
Nominal Voltage	12 V
Internal Resistance	≤3.5 mΩ

Operation

Max. Charge Current	25 A	40 A
Max. Discharge Current	30 A	30 A
Max. Charge Current (OFF-GRID)	25 A	40 A
Max. Discharge Current (OFF-GRID)	60 A	100 A
Max. Discharge Pulse Current (5S)	2000 A	
Self-discharge after 90 days	<10%	
Operating Temperature Range	-20°C To 50°C	
Transport Or Storage Temperature Range	-40°C To 60°C	
Humidity	0% - 90%	

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