

Alpha-Centauri

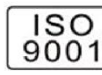
BATTERY SYSTEM DESIGNED FOR PV HOUSEHOLD APPLICATION.



Inverter



Battery



SMARTEN YOUR ENERGY



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)
Operating Temperature	0 To 40°C	

Standards & Guidelines

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

Battery

Model	6-CNFJ-200
Battery Type	Lead Crystal
System Weight	Approx. 62 kg
Dimension (W X D X H)	240 x 533 x 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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