Alpha·ESS

DATASHEET

5 kW All-in-One Off-Grid Energy Storage System.

STORION SERIES

OF5



- Plug & Play
- Diesel Generator
- Visual Interface
- Off-Grid

System Configuration

Cabinet	Storion-OF5		
Battery Module	M4860	M48100	M48112-P
DOD	90%		
Installed Capacity	3/6/9/12 kWh	4.8/9.6/14.4/19.2 kWh	5.4/10.8/16.1/21.5 kWh
Usable Capacity	2.7/5.4/8.1/10.8 kWh	4.3/8.6/12.9/17.3 kWh	4.8/9.7/14.5/19.4 kWh
Cycle Life	≥ 8000	≥ 6000	≥ 6000
Product Warranty	5 Years		
Performance Warranty	10 Years		

Energy Storage System	
Model	Storion-OF5
Phase	Single Phase
Display	7 Inch Touch LCD
Communication	Ethernet
Operating Temperature Range	-10℃ ~ 50℃
Humidity	15% ~ 85% (No Condensing)
Protection Level	IP21
Dimension (W x D x H)	610 x 650 x 1630 mm
Weight	150 kg (Without Battery)
Warranty	5 Years
Inverter Model	AEV-5048
Nominal Output Power	5000 W
Output Voltage	208/220/230/240 Vac
Output Frequency	50/60 Hz
Max. Input PV Power	10 kW
Max. Input PV Voltage	900 V
Max. Input PV Current	2*10 A
Safety	IEC 62109-1&-2

* When the temperature is below 0°C, batteries are not allowed to be charged, and they will derate power output when it is above 40°C.

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