



Household Photovoltaic Energy Storage System (ESS)
is a new kind of power solution.

STORION SERIES OF5



-  Plug & Play
-  Diesel generator
-  Visualization
-  Off-Grid

System Configuration

Cabinet	Storion-OF5		
Battery Module	M4860	M48100	M48112-P
DoD	90%		
Installed Capacity	3/6/9/12 kWh	4.8/9.6/14.4/19.2kWh	5.38/10.76/16.14/21.52kWh
Usable Capacity	2.7/5.4/8.1/10.8 kWh	4.32/8.64/12.96/17.28kWh	4.84/9.68/14.52/19.36 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	0 C ~ 40 C	0 C ~ 40 C	-10 C ~ 50 C
Humidity	15% ~ 85%		
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		
AC Output Voltage Range	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, IEC 62040-1		

* Only discharge when the temperature is below zero, Decrease power output when the temperature is above 40°C



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