



STORION-S5

HOUSEHOLD PHOTOVOLTAIC ENERGY STORAGE SYSTEM (ESS) IS A NEW KIND OF POWER SOLUTION.



10 years
Performance Warranty



Plug & Play



UPS



Visualization



Self-consumption



20 Years Lifetime



Data Sheet

Energy Storage System

Model	Storion-S5
Phase	Single Phase
Display	7 Inch Touch LCD
Communication	Ethernet
Operating Temperature Range	0°C To 40°C
Humidity	15% - 85%
Protection Level	IP21
Outline Dimensions (LxWxH)	650x610x1630 mm
Weight	150 kg
Warranty	5 Years
Inverter Model	GW5048D-ES
Nominal Output Power	5000 W / 4600 W (DE)
Grid Output Voltage Range (AC)	180 - 270 Vac
Grid Output Current (AC)	20 A
Max. Input PV Power	5400 W
Max. Input PV Voltage	580 Vdc
Max. Input PV Current	2*15 A

System Configuration

Alpha Energy Storage Solution Co., Ltd.



Cabinet		Storion-S5			
Battery	Module	2*M4850-M	3*M4850-M(*)	4*M4850-M (*)	5*M4850-M
	DoD	80%			
	Installed Capacity	5 KWh	7.5 KWh	10 KWh	12.5 KWh
	Usable Capacity	4 KWh	6 KWh	8 KWh	10 KWh
	Cycle Life	≥ 6000 @80%			
	Warranty	5 Years Product Warranty 10 Years Performance Warranty 20 Years Expected Lifetime			

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