






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

# STORION SERIES

## S5



-  Plug & Play
-  UPS
-  Visual Interface
-  Max. Self-Consumption
-  Long Lifespan

### System Configuration

Cabinet	Storion-S5		
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		
Battery Performance Warranty	10 Years		

## Energy Storage System

Model	Storion-S5
Phase	Single Phase
Display	7 Inch Touch LCD
Communication	Ethernet
Operating Temperature Range	-10 °C ~ 50 °C
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	GW5048D-ES
Nominal Output Power	5000 W / 4600 W (DE)
Output Voltage	180 ~ 270 Vac
Grid Frequency	50/60 Hz
Max. Input PV Power	6600 W
Max. Input PV Voltage	580 Vdc
Max. Input PV Current	2 x 15 A
Grid Regulation	VDE-AR-N 4105, VDE 0126-1-1, AS 4777.2/1.3, CEI 0-21:2014,G59/3
Safety	IEC 62109-1&-2, IEC 62040

\* 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.



 Alpha-ESS / Alpha ESS Co., Ltd.

#### Headquarter:

+86 (0)513 806 068 91  
 info@alpha-ess.com  
 www.alpha-ess.com  
 JiuHua Road 888, Nantong High-Tech Industrial Development Zone, Nantong City, 226300

#### Germany:

+49 (0)6103 / 459 160-1  
 europe@alpha-ess.de  
 www.alpha-ess.de  
 Paul-Ehrlich-Straße 1a, 63225 Langen, Hessen

#### Australia:

+61 (0) 402 500 520 (Sales)  
 +61 1300 968 933 (Technical Support)  
 australia@alpha-ess.com  
 www.alpha-ess.com.au  
 Suite 2, Level 1, 530 Botany Road, Alexandria, NSW, 2015

#### Italy:

+39 335 5627462  
 info@alpha-ess.it  
 www.alpha-ess.it  
 Via Loda, 17-41013 Castelfranco Emilia(MO) C./F./P.IVA 03767340361



Official Website



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