





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

STORION-ECO S5



-  Plug & Play
-  Visualisation
-  Max. Self-consumption
-  Long Lifetime

System Configuration

Cabinet	Storion-ECO-S5		
Battery Module	M4860	M48100	M48112-P
DOD	90 %		
Installed Capacity	3/6/9 kWh	4.8/9.6/14.4kWh	5.38/10.76/16.14kWh
Usable Capacity	2.7/5.4/8.1 kWh	4.32/8.64/12.96kWh	4.84/9.68/14.52kwh
Cycle Life	≥8000	≥6000	≥6000
Product Warranty	5 Years		
Performance Warranty	10 Years		

Energy Storage System

Model	Storion-ECO-S5
Phase	Single Phase
Display	7 Inch Touch LCD
Communication	Ethernet
Operating Temperature Range	-10 °C ~ 50 °C
Humidity	15% ~ 85%
Protection Level	IP20
Dimensions (W x D x H)	600 x 600 x 1100 mm
Weight	100 kg (Without Battery)
Warranty	5 Years
Inverter Model	GW5048D-ES
Nominal Output Power	5000 W / 4600 W (DE)
Grid Output Voltage Range	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
Backup	UPS
Grid Regulation	VDE-AR-N 4105, VDE 0126-1-1, CEI 0-21:2014,G59/3
Safety	IEC 62109-1&-2, IEC 62040-1

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



 Alpha-ESS / Alpha ESS Co., Ltd.

Headquarters:

+86 (0)513 806 868 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:

1300 968 933 (Australia Only)
 australia@alpha-ess.com
 www.alpha-ess.com.au
 Unit M601, 68 McEvoy Street,
 Alexandria Nsw 2015



Official Website



WeChat