





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	≥8000	≥8000
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	0°C ~ 40°C	0°C ~ 40°C	-10°C ~ 50°C
Humidity	15% ~ 85%		
Protection Level	IP21		
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, Decrease power output when the temperature is above 40°C



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