






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

STORION SERIES

S5



-  Plug & Play
-  UPS
-  Visualization
-  Max. Self-consumption
-  Long Lifetime

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	5.38/10.76 /16.14/21.52 kWh
Usable Capacity	2.7/5.4/8.1/10.8 kWh	4.32/8.64 /12.96/17.28 kWh	4.84/9.68 /14.52/19.36 kWh
Cycle Life	≥8000	≥8000	≥8000
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	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	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		
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, AS 3100, 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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