



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

SMARTEN
YOUR
ENERGY



DATASHEET

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
Dimension (W x D x H)	610 × 650 × 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 (AC)	180 - 270 Vac
Grid Frequency	50/60 Hz
Max. Input PV Power	5400 W
Max. Input PV Voltage	580 Vdc
Max. Input PV Current	2*15 A
Grid Regulation	VDE-AR-N 4105, VDE 0126-1-1, AS 4777.2/3
Safety	IEC 62109-1&-2, AS 3100, IEC 62040-1, VDE-AR-E 2510-2

System Configuration

Cabinet	Storion-S5	
Battery Module	M4850-M	M4860-M
DoD	80%	
Installed Capacity (KWh)	2.5/5.0/7.5/10.0/12.5/15.0*	3/6/9/12/15*/18*
Usable Capacity (KWh)	2/4/6/8/10/12*	2.4/4.8/7.2/9.6/12*/14.4*
Cycle Life	≥8000 @80%	
Warranty	5 Years Product Warranty, 10 Years Performance Warranty, 20 Years Extendible Warranty	

*: Storion PowerPlug may be required.



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