



STORION-ECO Series

HOUSEHOLD PHOTOVOLTAIC ENERGY STORAGE SYSTEM (ESS) IS A NEW KIND OF POWER SOLUTION.



Plug & Play



UPS



Visualization



Self-consumption



20 Years Extendible Warranty

Energy storage innovation leader, smart and green life builder

SMARTEN
YOUR
ENERGY



DATASHEET

Energy Storage System

Model	Storion-Eco-S5	Storion-Eco-S3
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)	600 × 600 × 1100 mm	
Weight	100 kg (Without Battery)	95 kg (Without Battery)
Warranty	5 Years	
Inverter Model	GW5048D-ES	AEV-3048
Nominal Output Power	5000 W / 4600 W (DE)	3000 W
Grid Output Voltage Range (AC)	180 - 270 Vac	184 - 264.5 Vac
Grid Frequency	50/60 Hz	
Max. Input PV Power	6600 W	4500 W
Max. Input PV Voltage	580 Vdc	500 Vdc
Max. Input PV Current	2*15 A	1*18A
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-Eco-S5		Storion-Eco-S3
Battery Module	M4860-M	M4886-M	M4860-M
DoD	90%		
Installed Capacity (KWh)	3/6/9	4.4/8.8	3/6
Usable Capacity (KWh)	2.7/5.4/8.1	3.96/7.92	2.7/5.4
Cycle Life	≥6000		
Warranty	5 Years Product Warranty, 10 Years Performance Warranty, 20 Years Extendible Warranty		

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