






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

# STORION SERIES SMILE 5



-  **S**elf Sufficient
-  **M**odulated Battery
-  **I**ntelligent Control
-  **L**ong Service
-  **E**legant Design

## System Configuration

Cabinet	Storion-Smile 5
DOD	90 %
Installed Capacity	5.7/11.5/17.2/22.9/28.7/34.4 kWh
Usable Capacity	5.2/10.3/15.5/20.6/25.8/30.9 kWh
Cycle Life	≥6000
Product Warranty	5 Years
Performance Warranty	10 Years

## Energy Storage System

Model	Storion-Smile 5
Phase	Single Phase
Display	LCD
Communication	Ethernet
Operating Temperature Range	-10°C ~ 50°C
Humidity	15% ~ 85%
Protection Level	IP65
Dimensions (W x D x H)	600 x 250 x 1800 mm
Weight	180 kg (Two Batteries)
Warranty	5 Years
Nominal Output Power	5000 W / 4600 W (DE)
Output Voltage	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, AS 4777.2/3, CEI 0-21:2014,G59/3
Safety	IEC 62109-1&-2

\* When the temperature is below zero the battery are not allowed to charge.  
And derating power output when the temperature is above 40°C.



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