

# solar group

Better Solar Systems since 1986



## HYBRID BATTERY STORAGE SYSTEM

An Advanced Solar Batteries Solution

- Scalable / Modular
- Indoor / Outdoor
- State of the Art Monitoring
- Safe Lithium Iron Batteries
- Elegant Design
- Full Outage Protection



STORION SERIES  
SMILE 5



**Power Independence**



## Battery Storage System

Model	Storion-Smile 5
Phase	Single Phase
Display	LCD
Communication	Ethernet
Operating Temperature Range	0 C ~ 40 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

## System Configuration

Cabine	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	≥ 8000
Product Warranty	5 Years
Performance Warranty	10 Years

\* Smile 5 shall not be installed exposed to direct sun or direct snow fall or frost

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