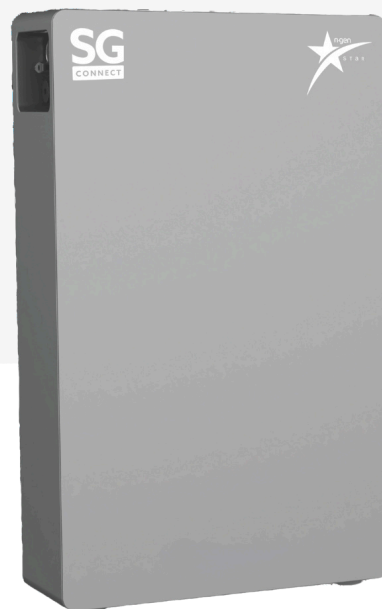


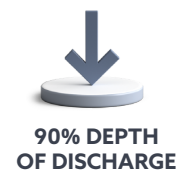
### BATTERY STORAGE OF THE NEXT GENERATION

# NGEN HIGH VOLTAGE BATTERY

The NGEN STAR EP5 battery is a powerful, scalable battery storage system that offers maximum flexibility and can be used for a wide range of applications thanks to its compact design in a single housing. Thanks to the unique option of installing EP5 batteries in parallel, a maximum storage capacity of 20,8 kWh can be achieved with just one inverter (H1, H3 or H3 PRO).



- Scalable to 20.8 kWh
- 90% Depth of Discharge
- Floor or Wall Mounting
- Compact & Easy Installation
- IP65 Protection Level
- High Voltage and High Efficiency



Model	STAR-EP5
<b>ELECTRICAL CHARACTERISTICS</b>	
Compatible PCS	All Series of H1, H3, H3-Pro
Battery Type	LifePO4 Prismatic Cell
Nominal Energy [kWh]	5.18
Nominal Voltage [V]	192
Operating Voltage Range [V]	174 - 219
Max.Charge/Discharge Current [A]	27
Recommend Charge Current [A]	13.5
Peak Discharge Current [A]	65 @60s
Battery Pack Round-Trip Efficiency [%]	≥95
Depth of Discharge [%]	90
Cycle Life	≥4000
Communication	CAN
Display	LED*5
Scalability	Max. 4 Units in Parallel
<b>OPERATING CONDITIONS</b>	
Installation Location	Outdoor / Indoor
Operating Temperature [°C]	Charge: from 0 to 55 / Discharge: from -10 to 55
Storage Temperature [°C]	from 0 to 35
Cooling Method	Natural Convection
Humidity [%]	from 5 to 95 (No Condensing)
Altitude [m]	Max. 2.000
Warranty	Standard 5 / Advanced 10 *
Protection Degree	IP65
<b>MECHANICAL CHARACTERISTICS</b>	
Dimensions (W*H*D) [mm]	380*625*147
Weight [kg]	50.5±2
<b>CERTIFICATES</b>	
Safety	IEC62619
EMC	EN IEC 61000-6-1/3
Transportation	UN38.3

\* Standard Warranty: 5 years or 4000 Cycles / Advanced Warranty: 10 years or 4500 Cycles when the Battery is connected to the Hybrid Inverter and the SG Connect System Solution.



Refer to NGEN STAR Warranty Terms and Conditions