

LI-ION BATTERY SOLUTION FOR HOMES

All-in-one solution for homes

Meet SAMSUNG SDI's newest All-in-one energy solution that can be directly connected to your PV system.

- All In One** { PV Inverter
Battery Inverter
Lithium-Ion Battery

With SAMSUNG SDI's All-in-one energy solution, you can save space to optimize power consumption and significantly reduce maintenance cost with SAMSUNG SDI's monitoring system that can detect errors in advance and be controlled remotely.



SPECIAL FEATURES



COMPACT DESIGN

- 3 Functions (PV & battery inverter + lithium-ion battery)
- Simple installation
- Remote maintenance



PROACTIVE A/S

- Prior malfunction sensing
- Web & Mobile monitoring for remote maintenance

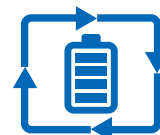
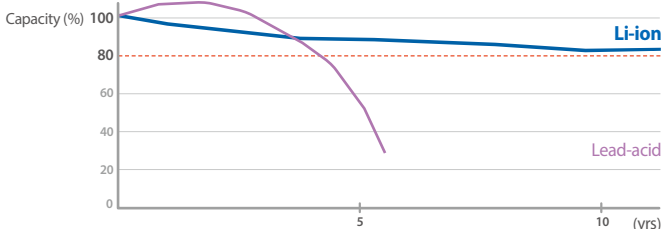


SAFETY

- Battery cell approved for EV use
- VDE tested lithium-ion battery and inverter

LONG LIFESPAN AND CYCLE LIFE

* Lifespan and Life cycle based on battery system (25°C)



6,000 CYCLE

LIFE CYCLE

Technical Data		Description
DC Input (PV)	Max Power (kWp)	6.6 (3.3 × 2)
	Max Voltage (V)	550
	MPPT / Rated Voltage (V)	125 ~ 500 / 400 per String
	Min. / Initial Input Voltage	125 / 150 per String
	Max Input Current (A)	15 per String
	No. of MPP Tracker	2
	No. of DC inputs	2
	PV Module Connectors	MC4
AC Output	Power (kVA)	4.6
	Nominal Voltage (Vac)	230
	Nominal Frequency (Hz)	50 / 60
	AC Output Current (A)	20
	Standby Losses (W)	25
	Feed-in / Connection Phase	1 / 1
EU Efficiency	PV to Grid (%)	95
Battery	Manufacturer	SAMSUNG SDI
	Technology	Lithium Ion (Lithium Manganese Oxide)
	Power (kW)	2
	Capacity (kWh)	3.6(DoD 90%), Usable capacity: 3.24
Others	Dimension mm (B × W × H)	1,000 × 267 × 680
	Weight (kg)	95
	Operating Temperature (°C)	-10 ~ 40
	Humidity (%)	Max. 95 (non-condensing)
	IP Grade (IP)	21
	Certifications and Approvals	CE, IEC 60335-2-29, AS / NZS 3100, AS 60590, AS 4777.2 / 3
	Warranty (Years)	5 (Product) / 10 (Performance)
Energy Management System	Monitoring (Device / Remote)	Web, Mobile
	Software update	Via Internet

Dealer Information Box

SAMSUNG SDI CO., LTD.

150-20 Gongse-ro, Giheung-gu,
Yongin-si, Gyeonggi-do, 446-577, South Korea
www.samsungsdi.co.kr

EMAIL CONTACT energy.storage@samsung.com