

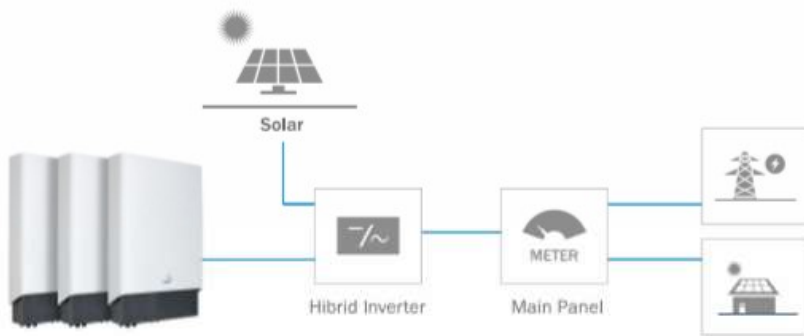
IDS Énergie and PVavenue Inc. proudly present

Battery Energy Storage Systems (BESS)

for residential/commercial solar PV + BESS projects



Residential: Hybrid Li-ion ESS (Solarlight & Incell, Korea)



Technical Specification

Item	Specification
Cell	Li-ion NCM / SAMSUNG SDI
Nominal Voltage	51.8V
Nominal Capacity	140Ah
Usable Energy	7,252Wh
Max. Charging Voltage	56.7V
Charging Method	CC-CV
Discharging End Voltage	42V
Continuous Cha/Discharge Current	70A
Max. Cha/Discharge Current	100A
Cycle life (@25±5°C)	> 6,000 Cycle
Roundtrip Efficiency	> 96%
Certification	IEC62619

Made in Korea quality

Battery capa. 7.3 kWh

ESS + UPS

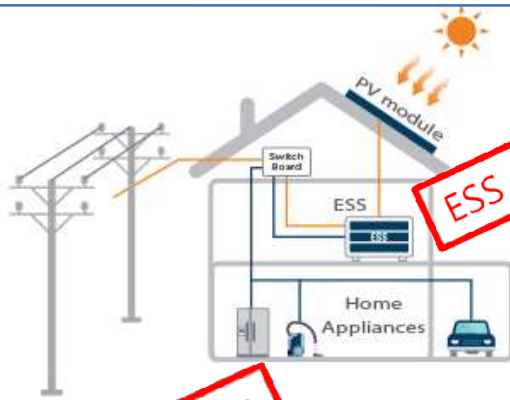
SAMSUNG SDI Premium Battery!

6000 cycles, 15 years lifetime!

Scalable battery 7.3 kWh to 21.8 kWh!



Residential: Hybrid All-in-One Li-ion ESS (HANSOL, Korea)



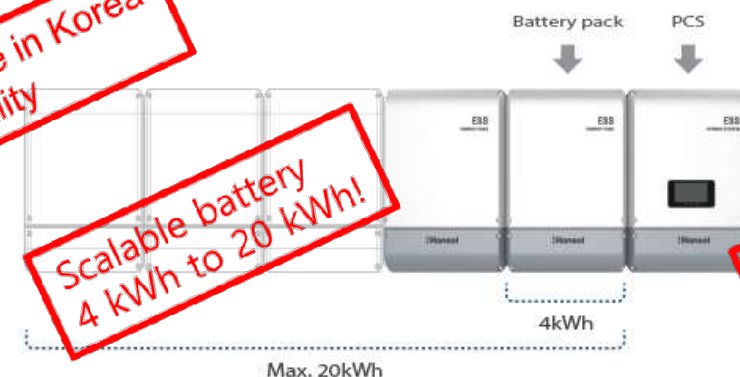
ESS + UPS



Item	Hybrid AIO	
DC Input (PV)	Max Power	6.6kWp
	Max Voltage	550V
	MPPT Range	125V ~ 500V
	Min / Initial Input Voltage	125V / 150V
	No. of Strings(MPPT)	2 (2)
AC Output	Power	4.6kVA (DE)
	Noimnal voltage / Frequency	230V / 50Hz
	Feed-in Phase / Connection	1/1
Efficiency	PV to Grid(European)	95.5%
	Power	2kVA (1 Enclosure) / 3kVA (2~5 Enclosures)
Lithium-ion Battery	Normal Capacity	4 / 8 / 12 / 16 / 20kWh
	Usable Capacity	3.68 / 7.36 / 11.04 / 14.72 / 18.4kWh
	Dimension(L x W x H)	468 x 722 x 213 mm
Product	Weight	31.5kg
	IP grade	54
	Remote Monitoring	Touch TFT LCD 5" / Web / Mobile
EMS	Software update	Internet update
	Prevent Malfunction	Yes

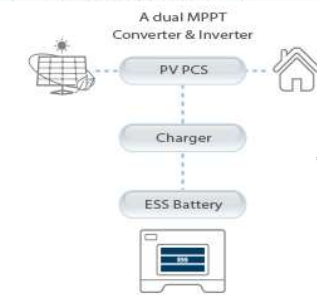
Made in Korea quality

Scalable battery 4 kWh to 20 kWh!



SAMSUNG SDI Premium Battery!

6000 cycles, 15 years lifetime!



All-in-One!



Commercial: All-in-One Li-ion ESS (Solarlight & Incell, Korea)



6000 cycles,
15 years
lifetime!

Made in Korea
quality

Various
PV/PCS/Battery capa.

SAMSUNG SDI
Premium Battery!

NO	PV(kW)	PCS(kW)	Battery(kWh)	Size(WHD)
1	100	80, 95	278	1400x3500x1400
2	250	200 or 250	1200~1500	3300x6096x2900
3	500	400 or 500	1200~1500	3300x9200x2900
4	1000	800 or 1000	2500~3000	3300x12200x2900
5	1500	1250	3000~3500	3300x12200x2900
6	2000	1600 or 2000	4000~6000	3300x24400x2900
7	3000	2000 or 2500	6000~7500	3300x24400x2900

* Specifications are subject to change without notice.

Key Components

- Battery / PCS
- AC / DC distribution box
- Air conditioning system
- Fire Fighting System
- UPS

All-in-One!



End of document

IDS Énergie and PVavenue Inc. proudly presented
“Battery Energy Storage Systems (BESS) for residential and
commercial solar PV + storage projects”

Thank you very much!

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