

# ENERGY STORAGE SYSTEM FOR HOME



Store excess energy for the time you need it  
with Hansol's battery storage solution



# A True “All-in-One” Solution

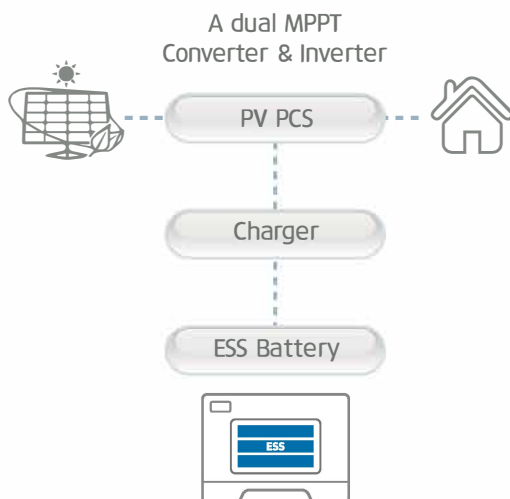
Hansol's All-in-One solution combines the functions of PV PCS, a battery charger and lithium-ion batteries into **one compact unit**. The All-in-One system increases efficiency by only converting the energy once into AC power, which can then be used around the home. The compact design allows the unit to be installed with ease into even the smallest of rooms.

## All-in-One Solution

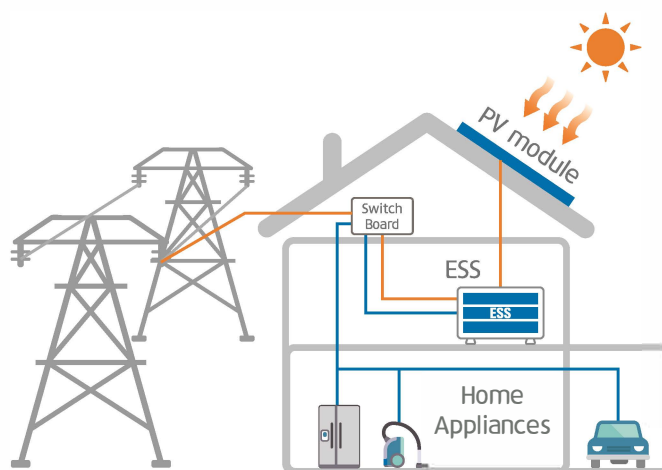


- Simple DC system with high efficiency
- Compact size with high energy density
- Easy to transport and install

## Single Conversion System



## Energy Storage System



# Experience Hansol All-in-One

## Optimized for Samsung SDI premium quality batteries web monitoring and services for enhanced convenience

Hansol's ESS is developed and designed in partnership with Samsung SDI.

Its performance and reliability is guaranteed for using Samsung SDI's premium quality batteries with long life cycle.

In addition, the web-monitoring system allows you to easily check the ESS's current operation, such as PV generation rates, battery usage and the charge state of the battery. The web-monitoring system connects to the internet to provide an unparalleled remote assistance service, which detects error in advance.



### Advanced cell technology

- Premium quality with long life cycle
- World's safest battery with zero-recalls
- Adopted globally by automotive and utility companies.



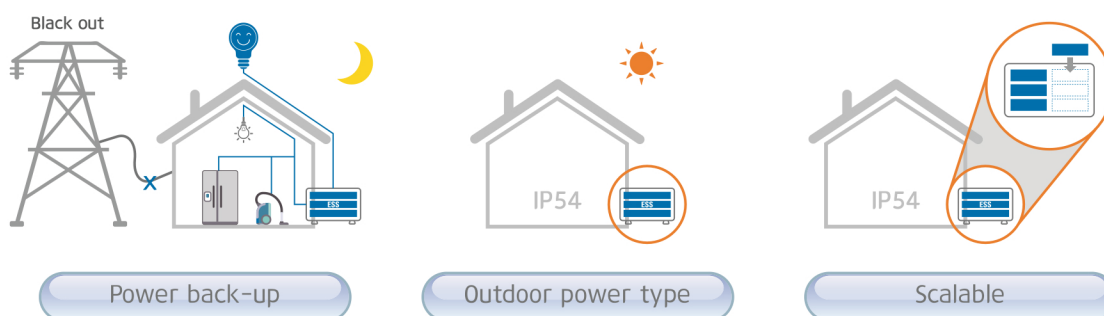
### Maintenance service

- Web-monitoring to check energy flow and battery status
- Advanced error detection service
- Long-term warranty program

# Scalable All-in-One

## AIO Scalable\_Capacity 7.2kWh / 10.8kWh

AIO Scalable is available in 2 battery sizes (7.2kWh, 10.8kWh) – customized for your family and easily expandable with the addition of modules. In the event of a power failure, AIO Scalable automatically switches to emergency mode and backs up your load by up to 4.98kVA. In addition, this model has IP54 grade making it possible to install it outdoors.



## Technical Specification

Item		AIO 7.2	AIO 10.8
DC Input (PV)	Max Power	6.6kWp	
	Max Voltage	550V	
	MPPT / Rated Voltage	125V ~ 500V	
	Min / Initial Input Voltage	125V / 150V	
	No. of Strings(MPPT)	2 / 4 (2+2)	
AC Output	Power	4.98kVA / 4kVA(Emergency)	4.98kVA / 4.98kVA(Emergency)
	Noimnal voltage / Frequency	230V / 50Hz	
	Feed-in Phase / Connection	1/ 1	
Efficiency	PV to Grid	96%	
Lithuim-ion Battery	Power	4kW	4.98kW
	Norminal Capacity	7.2kWh	10.8kWh
	Usable Capacity	6.48kWh	9.72kWh
Product	Dimension(L x W x H)	1,140 x 280 x 1,200 mm	
	Weight	194Kg	239Kg
	IP grade	54	
EMS	Remote Monitoring	Segment LCD	
	Software update	Internet update	
	Prevent Malfunction	Yes	