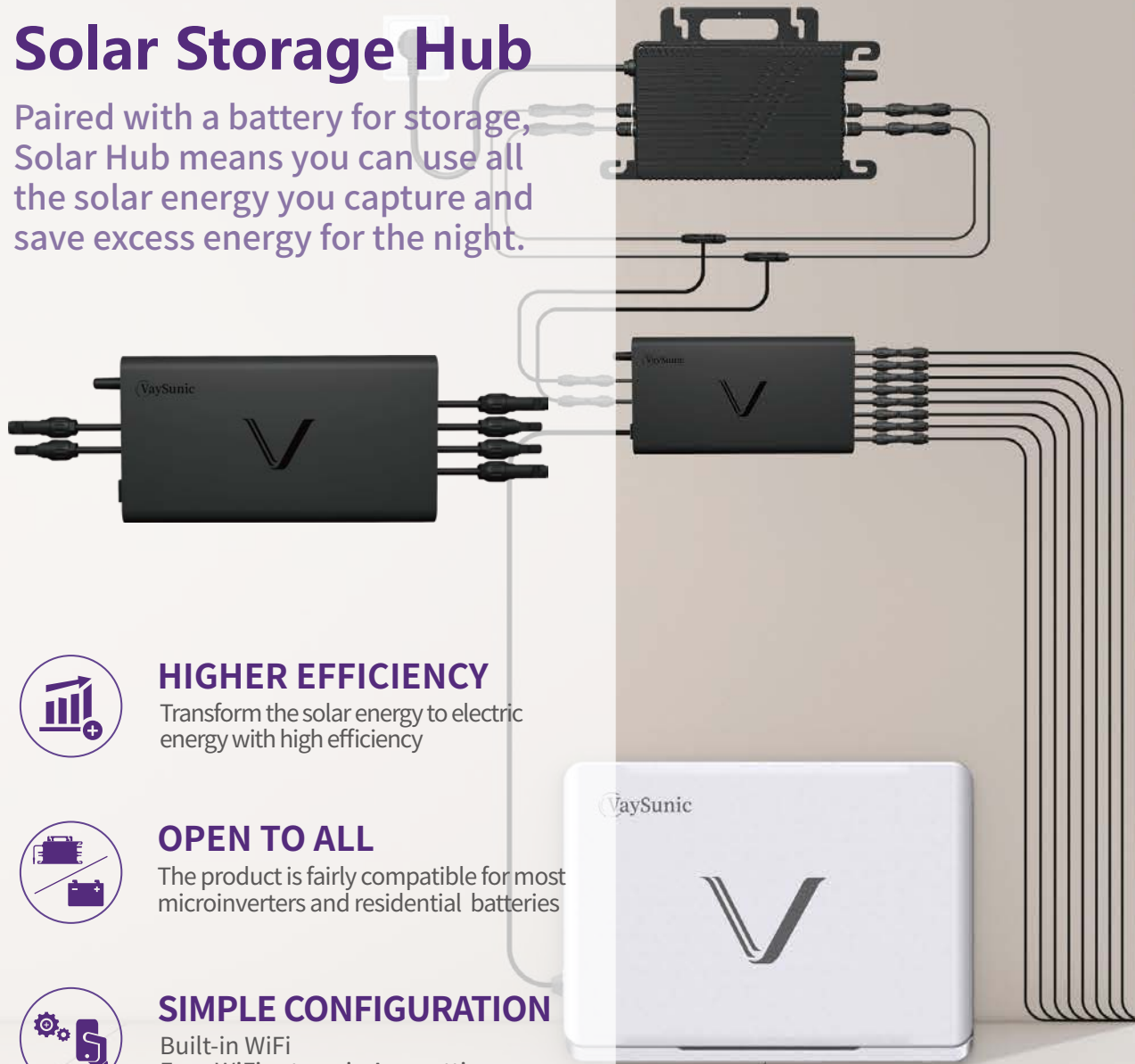


# Solar Storage Hub

Paired with a battery for storage, Solar Hub means you can use all the solar energy you capture and save excess energy for the night.



## HIGHER EFFICIENCY

Transform the solar energy to electric energy with high efficiency



## OPEN TO ALL

The product is fairly compatible for most microinverters and residential batteries



## SIMPLE CONFIGURATION

Built-in WiFi  
Easy WiFi setup via App settings



## SIMPLE TO INSTALL

Easy installation structure makes the construction process simple and easy

# Technical Specifications

VSH

Model	VSH600	VSH800	VSH1000
<b>Input(PV)</b>			
Recommended max. PV power	800Wp	900Wp	1100Wp
Max. input voltage <sup>1</sup>		60V	
Operating voltage range <sup>2</sup>		16-60V	
Start-up voltage		22V	
Rated input voltage		25-55V	
Max. input current per MPPT		17A	
Max short-circuit current		20A	
Number of MPP trackers		2	
Number of inputs per MPPT		1	
<b>Input(DC Battery)</b>			
Compatible Battery	Vaysunic VES2000;Pylontech US2000C,Force-L1 (more available upon request)		
Operating voltage range		36-60V	
Max operating current		25A	
Max charge Power		1000W	
Max discharge Power	700W	900W	1000W
<b>Output(DC)</b>			
Compatible Microinverter	VaySunic VM Series-P1/P2/P4; Enphase IQ7/IQ8; Hoymiles HMS ; Deye G3; APS DS3. (more available upon request)		
Rated output power	600W	800W	1000W
Output voltage range		16-60V	
Max. output current	20A	27A	34A
<b>Efficiency</b>			
Max. efficiency	98.20%	98.30%	98.40%
Nominal MPPT Efficiency	99.80%	99.80%	99.80%
<b>Protections</b>			
DC reverse polarity protection		Yes	
Insulation monitoring		Yes	
DC surge protection		Yes	
Residual current monitoring		Yes	
DC overcurrent protection		Yes	
DC short-circuit protection		Yes	
DC overvoltage protection		Yes	
Temperature protection		Yes	
<b>General Data</b>			
Operating temperature range	-25 ~ +60 °C (-13°F~140°F)		
Relative operating humidity	0%RH ~ 100%RH		
Altitude	2000m		
Cooling	Natural convection		
Display	LED Indicators; Integrated WLAN +VaySunic APP		
Monitoring System	VaySunic Clouds		
Communication	CAN/RS485/WIFI/Bluetooth		
Weight	3.1kg (6.8 lb)		
Dimension	350 × 210 × 32mm (13.7×8.3×1.3 inch)		
Degree of protection	IP67		
<b>Standard Compliance ( more available upon request )</b>			
Certificate	IEC 62109, CE		

\*1 The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage inverter.

\*2 Any DC input voltage beyond the operating voltage range may result in improper operating.