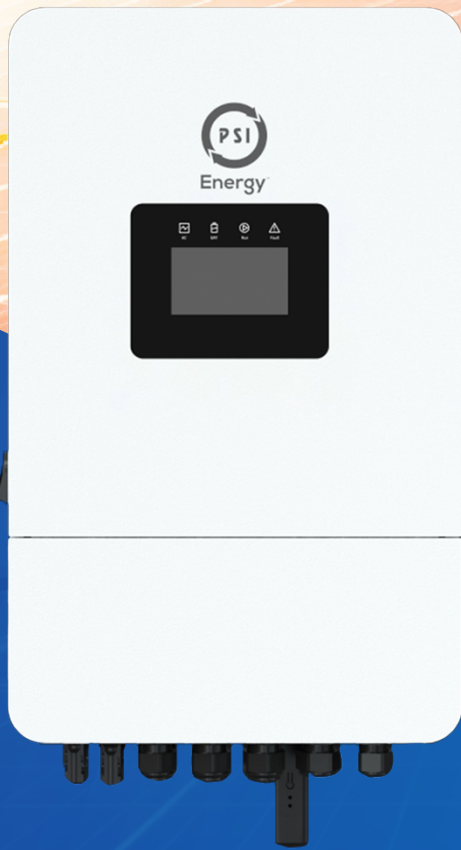




# Energy™



**HYBRID INVERTER SYSTEM  
SINGLE PHASE / 2MPPTs**

## H6LV

### คุณสมบัติ



กระแสไฟฟ้า PV สูงสุด 20A



รองรับการติดตั้งแผงโซลาร์เซลล์  
เกินกำลังได้ถึง 200%



รองรับกระแสชาร์จ / ดิสชาร์จได้สูงสุด 120A



รองรับการเชื่อมต่อแบบ AC Coupling



ระยะเวลาสลับไฟ น้อยกว่า 10ms

MODEL	H6LV
<b>PV Input</b>	
Max. PV Access Power [Wp]	12000
Max. PV Input Power [W]	9600
Max. PV Input Voltage [V]	500
MPPT Voltage Range [V]	90~450
Rated PV Input Voltage [V]	300
Start-up Voltage [V]	120
No. of MPP Trackers	2
No. of Input Strings per Tracker	1/1
Max. PV Input Current [A]	20 / 20
Max. Short-circuit Current [A]	25 / 25
<b>AC Output</b>	
Max. AC Output Apparent Power [VA]	6600
Rated AC Output Power [W]	6000
Max. AC Output Current [A]	30/28.7
Rated AC Output Current [A]	27.3/26.1
Rated AC Voltage [V]	L / N / PE, 220 / 230
Grid Frequency [Hz]	50 / 60
Adjustable Power Factor [cosφ]	0.8 leading ~ 0.8 lagging
Output THDi (@Rated Output)	< 3%
<b>AC Input</b>	
Max. AC Input Apparent Power [VA]	12000
Max. AC Input Current [A]	54.5 / 52.2
Rated AC Voltage [V]	L / N / PE, 220 / 230
Grid Frequency [Hz]	50 / 60
<b>Battery</b>	
Battery Type	Lead-acid / Lithium-ion
Battery Voltage Range [V]	40-60
Max. Charging /Discharging Current [A]	120
Communication Interface	CAN
<b>Backup Output (With Battery)</b>	
Rated Output Power [W]	6000
Rated Output Voltage [V]	L / N / PE, 220 / 230
Rated Frequency [Hz]	50 / 60
Rated Output Current [A]	27.3/26.1
Output THDv (@Liner Load)	< 3%
Automatic Switch Time [ms]	< 10%
Peak Apparent Power, Duration [VS, s]	1.5 times of rated power,10s
<b>Efficiency</b>	
Max. Efficiency	97.6%
Euro Efficiency	97.0%
MPPT Efficiency	>99%
<b>Protection</b>	
DC Insulation Monitoring	Integrated
Input Reverse Polarity Protection	Integrated
Anti-island Protection	Integrated
Residual Current Monitoring	Integrated
Over-heat Protection	Integrated
AC Overcurrent Protection	Integrated
AC Overvoltage Protection	Integrated
AC Short-circuit Protection	Integrated
DC Surge Protection	Integrated (Type II)
AC Surge Protection	Integrated (Type II)
DC Switch	Integrated
AFCI Protection	Optional
<b>General Data</b>	
Num. of Parallel [units]	1 ~ 6
Dimensions (W x H x D) [mm]	588 x 364 x 246.5
Weight [kg]	27
Display	LED + LCD
Communication	RS485, CAN, Dry contact, Optional: Wifi or 4G or Ethernet
Ambient Temperature Range [°C]	-30 ~ +60 (Derating Above 45 °C )
Relative Humidity	0 ~ 100%
Operating Altitude [m]	< 2000
Standby Self-consumption [W]	< 15
Topology	Non-isolated
Cooling	Fan
Noise [dB]	<50
Ingress Protection	IP65
<b>Certifications &amp; Standards</b>	
Grid Regulation	IEC 61727/, IEC 62116, EN50549-1, ORDINANCE No.140, No.515
Safety Regulation	IEC 62109-1, IEC 62109-2
EMC	EN IEC 61000-6-1,EN IEC 61000-6-3