Sunpal

Hybrid



Hybrid Solar System

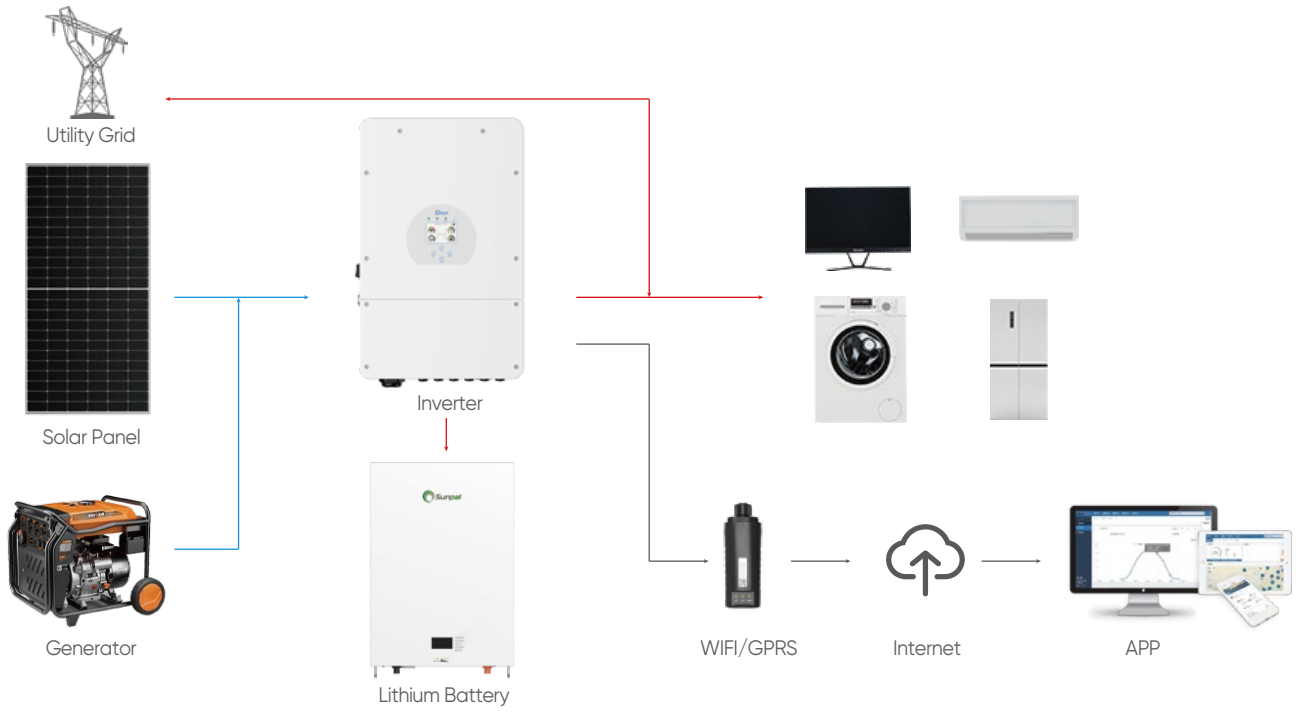
EU Voltage

SP-8KW-HY

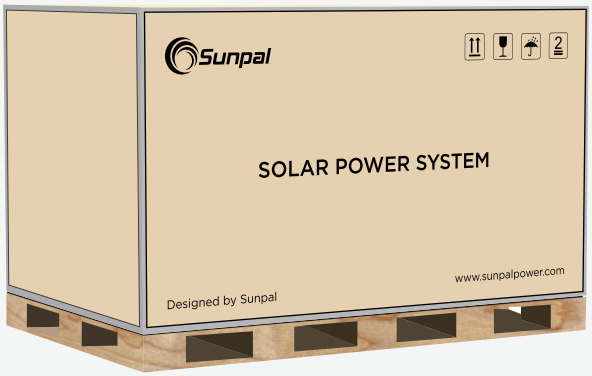
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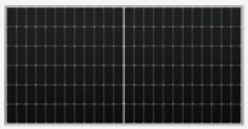
SP-8KW-HY

(Residential Hybrid Solar System)



SOLAR SYSTEM KIT



Solar Panel	Lithium Battery	Solar Inverter	Wifi Monitor
			
PV Cable	**MC4 Connector**	**Mounting Bracket**	**DC Switch/AC Switch(Optional)**
			

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PV Module

· Positive power tolerance (0~+5W) guaranteed
· Reduced resistive loss with lower operating current
· Higher energy yield with lower operating current
· Reduced hot spot risk with optimized electrical design and ·
· lower operating current

Parameter	
Testing Condition	STC
Maximum Power(Pmax/W)	580W
Open Circuit Voltage(Voc/V)	51.79
Short Circuit Current(Isc/A)	14.29
Voltage at Maximum Power(Vmp/V)	42.71
Current at Maximum Power(Imp/A)	13.58
Module Efficiency(%)	22.44



580W
TOPCon Bifacial Dual Glass
Solar Panel

Lithium Battery



48V
200Ah
Rack-Mounted
LiFePO4 Battery

· High Specific Energy
· Support Parallel Operation
· Easy Installation
· Long Cycle Life

Parameter	
Nominal Capacity	200Ah
Nominal Voltage	48V
Max.Charging Current	100A
Max.Discharging Current	100A

Inverter

· Colorful touch LCD, IP65 protection degree
· AC couple to retrofit existing solar system
· 6 time periods for battery charging/discharging
· Support storing energy from diesel generator

Parameter	
AC Output Data	
Rated Output Power	8000W
Rated Output Voltage/Frequency	230Vac single phase, 50Hz/60Hz
Battery Input Data	
Battery Type	Lead-acid or Lithium-ion
Battery Voltage Range(V)	40-60
PV String Input Data	
No.of MPP Trackers	2
No.of Strings per MPP Tracker	2+2
MPPT Voltage Range(V)	125-425



Deye 8KW
Inverter

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solar system



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