

# RESS ENERGUARD

RESIDENTIAL ENERGY STORAGE  
BATTERY (HIGH VOLTAGE)



### Expandable at Need

Multiple units can be combined to increase energy capacity.



### Easy Installation

The module design enables quick installation.



### High Reliability

LFP-based battery delivers high reliability.



### High Safety

Smart temperature control ensures battery safety.



### Longer Service Life

Cycle life is optimized to more than 6000.



### IP65 Rating

IP65 water and dust proof, constructed for harsh environments.



### High Efficiency

The battery has high efficiency with usable energy up to 100%.



### Environmentally Friendly

Heavy metals and corrosive materials are not contained.



# BATTERY SPECIFICATIONS

RESS-EnerGuard-HV	7.68kWh	10.24kWh	12.8kWh	15.36kWh	17.92kWh	20.48kWh
Battery Module	2.56kWh 51.2V 600 * 300 * 140(mm)					
Battery Series	3	4	5	6	7	8
Usable Energy (kWh)	7.68	10.24	12.8	15.36	17.92	20.48
Voltage (V)	153	204	256	307	358	409
Operating Voltage (V)	120~173	160~230	200~288	240~345	280~403	320~460
Dimension (mm)	600*1200*140	600*1500*140	600*1800*140	600*1500*140& 600*1000*140	600*1500*140& 600*1300*140	600*1500*140& 600*1300*140
Weight (kg)	100	130	160	190	220	250
Max Output Current	50A/1c					
Rate Power (kW)	7.65	10.2	12.8	15.35	17.9	20.5
Operating Temperature	-10°C ~ +50°C					
Battery Cell Technology	Lithium Iron Phosphate					
Communication	CAN/RS485					
Enclosure Protection Rating	IP65					
Installation	Wall- mouted or Floor Installation					

Compatible Inverter Brands	Models
SMA	SBS2.5/3.7/5.0/6.0
Fronius	Symo Hybrid;Symo GEN24 Plus; Primo GEN24 Plus
Kostal	Plenticore Plus 3.0;Plenticore Plus4.2/5.5/7.0/8.5/10.0
GOODWE	ET/BT/EH/BH
Sungrow	SH5.0/6.0/8.0/10RT
KACO	Blueplanet hybrid 6.0~10.0 TL3
Solis	RHI-3P(5~10)-HVES-5G ;RHI-1P(5~10)K-HVES-5G

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