



RESS

ENERGUARD

RESIDENTIAL ENERGY STORAGE BATTERY (HIGH VOLTAGE & OFF-GRID)



The patented modular plug design requires no internal wiring and allows for maximum flexibility and ease of use.



Highest efficiency thanks to a real high-voltage series connection.



Compatible with leading 1 and 3 phase high voltage battery inverters.



Cobalt free lithium iron phosphate (LFP) battery: maximum safety, life cycle, and power.



Capable of high-powered emergency-backup and off-grid functionality.



Two distinct modules to cover the complete range of system sizes.



BATTERY SPECIFICATIONS

RESS- EnerGuard -HV	10.2kWh	15.3kWh	20.48kWh	25.6kWh	30.72kWh
Battery Module	5.12kWh 102.4V/50Ah				
Number of Modules	2	3	4	5	6
Nominal Voltage (V)	205	307	410	510	614
Operating Voltage (V)	192~230	288~345	384~460	480~576	576~691
Recommend Charge Current	10A				
Max Charge Current	25A				
Max Continuous Discharge Current	60A				
Max Discharge Current	75A				
Dimensions (L*W*H) (mm)	650*550*580	650*550*760	650*550*940	650*550*1120	650*550*1300
Single Battery Weight (kg)	48	48	48	48	48
Controller Box (kg)	9	9	9	9	9
Complete Set (kg)	110	158	206	254	302
Operating Temperature	-10°C~50°C				
Battery Cell Technology	Lithium Iron Phosphate				
Communication	CAN/RS485				
Enclosure Protection Rating	IP65				

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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