

HV-R16-HV64K-241K Series
High Voltage Battery

- **Safe and Reliable**
Ensured by own designed and manufactured cell, modules and BMS
- **Optimal Electricity Cost**
Long cycle life and superior performance
- **Eco-Friendly**
The whole module is non-toxic, non-polluting and environmentally friendly.
- **Flexible Mounting**
Plug&Play, no additional wiring connection
- **Compatibility**
Compatible with Top inverter brands



HV-R16-HV64K-241K Series High Voltage Battery

MODEL	HV-51314-R4	HV-51314-R5	HV-51314-R6	HV-51314-R7	HV-51314-R8	HV-51314-R9
Nominal voltage	204.8	256	307.2	358.4	409.6	460.8
Cellmode/Configuration	3.2V314Ah/ 64S1P	3.2V314Ah/ 80S1P	3.2V314Ah/ 96S1P	3.2V314Ah/ 112S1P	3.2V314Ah/ 128S1P	3.2V314Ah/ 144S1P
Capacity(Ah)	314					
Rate energy(kWh)	64.31	80.39	96.46	112.54	128.61	144.70
Weight(Approx)(kg)	574	708	841	975	1128	1242
Dimension W*D*H(mm)	550*776*1450	550*776*1700	550*776*1960	550*776*2210	1100*776*1450	1100*776*1450
Voltage range(Vdc)	172.8~230.4	216~288	259.2~345.6	302.4~403.2	345.6~460.8	307.8~410.4
MODEL	HV-51314-R10	HV-51314-R11	HV-51314-R12	HV-51314-R13	HV-51314-R14	HV-51314-R15
Nominal voltage	512	563.2	614.4	665.6	716.8	768
Cell mode/Configuration	3.2V314Ah/ 160S1P	3.2V314Ah/ 176S1P	3.2V314Ah/ 192S1P	3.2V314Ah/ 208S1P	3.2V314Ah/ 224S1P	3.2V314Ah/ 240S1P
Capacity(Ah)	314					
Rate energy(kWh)	160.77	176.84	192.92	209.00	225.08	241.15
Weight(Approx)(kg)	1395	1510	1662	1780	1930	2045
Dimension W*D*H(mm)	1100*776*1690	1100*776*1710	1100*776*1960	1100*776*1960	1100*776*2210	1100*776*2210
Voltage range(Vdc)	432~576	475.2~633.3	518.4~691.2	561.6~748.8	604.8~806.4	648~864
Max.charge/discharge current(A)	140					
Scalability	Up to 4 clusters in parallel					
Communication	RS485(B)-BAT/RS485(A)-PC/Canbus-Inverter					
Cycle life	25±2℃,0.5C/0.5C,EOL70%≥8000					
Design life	≥15 years(25℃)					
Protection	BMS,Breaker					
Operation temperature(℃)	Charge:0℃~50℃;Discharge:-20℃~50℃					
Altitude(m)	≤2000					
Humidity	<95%(Non-condensing)					
Certificates	UN38.3,MSDS,CE-EMC					

• Images for reference only, please refer to the actual product images in the order