

High Voltage

Rack Mounted Battery



Convenient

Quick installation, Standard of 19-inch embedded designed module is comfortable for installation and maintenance



Certification

Battery CE /UN 38.3/MSDS standard



Wide Temperature

Working Temperature range is from -20°C to 55 °C, with excellent discharge performance and cycle life



Perfect Compatibility

Compatible to most inverter brands on the market



Safety

BMS & Breaker two Level over current protection



Eco-Friendly

The whole module is non-toxic, non-polluting and environmentally friendly

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MODEL	GP-TR-HV20	GP-TR-HV30	GP-TR-HV40	GP-TR-HV50	GP-TR-HV60
Nominal Voltage	204.8v	307.2	409.6	512	614.4
Cell Model/Configuration	3.2V100Ah/64S1P	3.2V100Ah/96S1P	3.2V100Ah/128S1P	3.2V100Ah/160S1P	3.2V100Ah/192S1P
Capacity	100Ah	100Ah	100Ah	100Ah	100Ah
Rated Energy	20.48KWH	30.72KWH	40.96KWH	51.2KWH	61.44KWH
Weight (Approximately)	195kg	285kg	375kg	465kg	555kg
Dimensions (width*depth*height)	538*492*791mm	538*492*1091mm	538*492*1391mm	538*492*1691mm	538*492*1991mm
Voltage Range	172.8~224Vdc	3259.2~336Vdc	345.6~448Vdc	432~560Vdc	518.4~672Vdc
Recommend Charge/Discharge Current	50A				
Maximum Charge/Discharge Current	100A				
Communication	RS485/RS232/CAN				
Cycle Life	(0.5C/0.5C-90% DOD) > 6000 times				
Design Lifespan	≥ 15 Years (25 °C)				
Protect	BMS, Circuit Breaker				
Working Temperature	Charge: 0 °C~55 °C; Discharge: -20 °C~55 °C				
Altitude	≤ 2000m				
Humidity	5-85% RH Humidity				