Residence Farm Base station

GEYA POWER

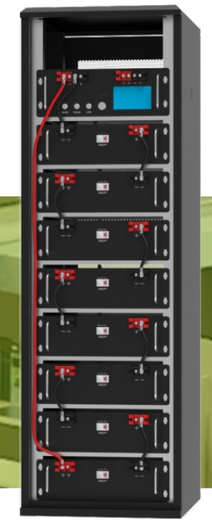
51.2V
High Voltage Rack Energy storage series

Product features

- High-voltage Eficiency: Supports high-voltage DCoutput(e.g.,200V~600V) reducing transmission loss and improving system efficiency by 5%~10%.
- Industrial Integration:19-inch rack standard,scalable parallel connection for data centers or commercial use.
- High Power Density: Delivers 20kWh~100kWh per rack, maximizing space utilization.
- Advanced Safety:Multi-layer BMS protection (over-voltage/current/isolation) + forced air coolingfor high-voltage stability.
- Enterprise Management: Compatible with SNMP/Modbus for EMS integration and remote monitoring.

Model	YY358100HVR	YY410100HVR	YY512100HVR	YY614100HVR
Total Energy(kWh)	35.84kwh	40.96kwh	51.2kwh	61.44kwh
Capacity(Ah)	100Ah	100Ah	100Ah	100Ah
NominalVoltage(V)	358.4V	409.6V	512V	614.4V
Float Voltage(V)	408.8V	467.2V	584V	700.8V
Equalization Voltage(V)	392V	448V	560V	672V
Discharge CuttingVoltage(V)	313.6V	358.4V	448V	537.6V
Max.Charge & Discharge Current(A)	100A	100A	100A	100A
Max.C Rating	1C	1C	1C	1C
Dimension(mm)	600*650*1880	600*650*1880	600*650*2100	2*(600*650*1880)
Net Weight(kg)	356kg	409kg	515kg	621kg
Max. Scalable	6 in parallel			
Communication Ports	CAN/RS485/RS232			
Communicated inverter	“Goodwe/Victron/Sofar/Deye/Voltronic/Pylon /Luxpower Afore/Must/ SakoSorotec/Sma/Solis/Phocos /Kstar/Mpp Solar/Growatt/Megarevo/Srne”			
Charging Temp Range(°C)	0~55°C			
Discharging Temp Range(°C)	-10~55°C			
Cycle Lifes	≥6000 cycles@80%DOD/0.5C/25°C			
Warranty	5 years			
Certifications	CE,UN38.3,MSDS			
Function	WIFI			

GEYA POWER



384V
High Voltage cabinet Energy Storage series

Product features

- High-voltage Efficiency:Supports high-voltage DCoutput(e.g.,200V~600V), reducing transmission loss and improving system efficiency by 5%~10%.
- Industrial integration:19-inch rack standard,scalable parallel connection for data centers or commercial use.
- High Power Density: Delivers 20kWh~100kWh per rack, maximizing space utilization.
- Advanced Safety:Multi-layer BMS protection (over-voltage/current/isolation)+forced air cooling for high-voltage stability.
- Enterprise Management:Compatible with SNMP/Modbus for EMS integration and remote monitoring.

Model	YY358280HVR	YY358300HVR	YY358320HVR
Total Energy(kWh)	100.24kwh	107.4kwh	114.56kwh
Capacity(Ah)	280Ah	300Ah	320Ah
NominalVoltage(V)	358.4V	358.4V	358.4V
Float Voltage(V)	408.8V	408.8V	408.8V
Equalization Voltage(V)	392V	392V	392V
Discharge CuttingVoltage(V)	313.6V	313.6V	313.6V
Max.Charge & Discharge Current(A)	100A	100A	100A
Max.C Rating	1C	1C	1C
Dimension(mm)	1996.5*1200*660	1996.5*1200*660	1996.5*1200*710
Net Weight(kg)	920kg	1070kg	1310kg
Max. Scalable	6 in parallel		
Communication Ports	CAN/RS485/RS232		
Communicated inverter	“Goodwe/Victron/Sofar/Deye/Voltronic/Pylon /Luxpower Afore/Must/ SakoSorotec/Sma/Solis/Phocos /Kstar/Mpp Solar/Growatt/Megarevo/Srne”		
Charging Temp Range(°C)	0~55°C		
Discharging Temp Range(°C)	-10~55°C		
Cycle Lifes	≥6000 cycles@80%DOD/0.5C/25°C		
Warranty	5 years		
Certifications	CE,UN38.3,MSDS		
Function	WIFI		