

410V High Voltage Cabinet Energy Storage Series



Product features

- High-voltage Efficiency: Supports high-voltage DC output (e.g.,200V~600V), reducing transmission loss and improving system efficiency by5%~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 BS 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	YY410280HVR	YY410300HVR	YY410320HVR
Total Energy(kWh)	114.8kwh	123kwh	131.2kwh
Capacity(Ah)	280Ah	300Ah	320Ah
NominalVoltage(V)	409.6V	409.6V	409.6V
Float Voltage(V)	467.2V	467.2V	467.2V
Equalization Voltage(V)	448V	448V	448V
Discharge CuttingVoltage(V)	358.4V	358.4V	358.4V
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)	990kg	1140kg	1380kg
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		

512V 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	YY512280HVR	YY512300HVR	YY512320HVR
Total Energy(kWh)	143.36kwh	153.6kwh	163.84kwh
Capacity(Ah)	280Ah	300Ah	320Ah
NominalVoltage(V)	512V	512V	512V
Float Voltage(V)	584V	584V	584V
Equalization Voltage(V)	560V	560V	560V
Discharge CuttingVoltage(V)	448V	448V	448V
Max.Charge & Discharge Current(A)	100A	100A	100A
Max.C Rating	1C	1C	1C
Dimension(mm)	1996.5*1200*930	1996.5*1200*930	1996.5*1200*980
Net Weight(kg)	1180kg	1330kg	1570kg
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		