HESP Series

Hybrid low-voltage three-phase 16-20kW inverter



Scalable Commercial Solution

- Up to 78A — Max.PV input current (26A*3)
- Up to 180kW — Rated output current (20kW*9)
- Up to 9 Units — Max. Parallel Capacity
- Wind Turbine Connection — Two MPPTs optional

Efficient

- Advanced MPPT technology with up to 99.9% efficiency
- Up to 26A PV input current for high power PV module

Reliable

- Outputs high quality pure sine wave AC power
- Up to 9 units in parallel connection meet the needs

Intelligent

- Exclusive Li-ion battery BMS dual activation
- Time-slot function to save cost with peak-valley tariff

User-friendly

- Industrial design with a modern aesthetic look
- Easy to install and simple to use

Safety

- 360 degrees of security from hardware to software
- IEC safety approvals

All-in-one

- Solar charge controller up to 350A charging current

HESP48160SH3

INVERTER OUTPUT	Rated Output Power：16kW Rated Output voltage：220/380VAC three-Phase, 230/400VAC three-Phase
BATTERY	Rated Battery Voltage：48V Max.Hybrid Charging Current：300A
PV INPUT	Max.Voltage of Open Circuit：1000Vdc Max. DC Input Power：24kW



Up to 9 units in parallel



HESP48180SH3

INVERTER OUTPUT	Rated Output Power：18kW Rated Output voltage：220/380VAC three-Phase, 230/400VAC three-Phase
BATTERY	Rated Battery Voltage：48V Max.Hybrid Charging Current：330A
PV INPUT	Max.Voltage of Open Circuit：1000Vdc Max. DC Input Power：27kW

Up to 9 units in parallel

HESP48200SH3

INVERTER OUTPUT	Rated Output Power：20kW Rated Output voltage：220/380VAC three-Phase, 230/400VAC three-Phase
BATTERY	Rated Battery Voltage：48V Max.Hybrid Charging Current：350A
PV INPUT	Max.Voltage of Open Circuit：1000Vdc Max. DC Input Power：30kW



Up to 9 units in parallel