

# EV inverter power module

 **TAX FREE**    

## ENERGY STORAGE SYSTEM

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled



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Display screen  
Linux operation system  
quad-core processors  
smooth and stable system

### [Power modules for e-traction units , Rheinmetall](#)

This power module is uniquely scalable for vehicle specific voltage and power requirements, with configurations available for both 750V and 1,200V systems.

### EV traction inverter

Enhance vehicle performance with state-of-the-art traction inverter technology. These inverters manage motor speed and torque, enable regenerative braking, and ensure optimal power delivery.



### [Power Modules for Electric Traction \(Hybrid and Battery\)](#)

The purpose of power module-based traction inverter is to convert the DC current from the electric vehicle's battery to AC current to be used in the electric motor to drive the vehicle's propulsion system.



### [A technical review of modern traction inverter systems used in electric](#)

In this context, multilevel inverters (MLIs) have taken on the role as a promising substitute of traditional two-level traction inverters, and using suitable control and modulation techniques ...



[Electric Vehicle \(EV\) Traction Inverter , NXP Semiconductors](#)

The traction inverter converts DC battery power to precise AC for EV motors, delivering between 80 to over 300 kW power under extreme thermal conditions in a compact design.



**Power Electronics**

Our 800-Volt Silicon Carbide Inverter for Electrified Vehicles uses an innovative, double-side cooled silicon carbide (SiC) based power switch that delivers the higher power densities and efficiencies ...



[Inverter - LG Magna e-Powertrain](#)

LG Magna e-Powertrain has an inverter that efficiently controls the electric energy converted from the battery to the motor and an in-vehicle charger that supplies electricity to the battery stably and ...



[eMPack: A Three-Level Inverter Solution for Automotive](#)

Semikron-Danfoss has developed the eMPack power module specifically for automotive applications, incorporating advanced three-level inverter technology. This state-of-the-art module ...



[High-voltage inverter , EV traction inverter , Eaton](#)

Explore Eaton's high-voltage inverter converts direct current (DC) from the batteries or generator to alternating current (AC) to power the traction drive motors.

**Traction Inverter**

The VE-Trac power modules, available with IGBT silicon, are the components that convert direct current (DC) battery power in electric vehicles (EVs) or hybrid electric vehicles (HEV).



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