

Integrated Inverter Step-Up Transformer System



Product Features

Highly Integrated

- Modular design improves space utilization.
- Pre-installed and pre-engineered to reduce on-site work.
- Easy to install and transport.

Efficient & Reliable

- IP 54 protection level, adapt to various environments.
- Inverter and transformer unit optimized to improve system efficiency.

Energy Saving Cost Down

- Three level topology, with maximum conversion efficiency of 98.5%.
- High integration and small footprint.
- Easy to transport and install, reducing on-site construction costs.

Grid-Tied

- Equipped with LVRT and HVRT
- Equipped with active and reactive four-quadrant adjustment function.
- Fast power response (<10ms).

Equipment Parameters

IBC-1500V-5MW

Max. DC power
5000/6250/6900kW

DC input channels
2/4/24

AC voltage range
586~759V

Max. DC current
1587A*4

Rated grid frequency
50/60Hz

Transformer type
Dry / Oil transformer

Max. efficiency
99%

Allowable Ambient Temperature
-30°C~+60°C

IBC-1500V-6.25MW

DC voltage range
1000~1500V

Max. DC current
1879A*4

Max. AC power
3795*2kW

Rated AC voltage
690V

Harmonic (THDi)
<3% (Rated power)

LV/MV voltage
0.69kV/35kV

IP rating
IP 54

IBC-1500V-6.9MW