

## 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**

**IBC-1500V-6.25MW**

**IBC-1500V-6.9MW**

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**

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**