



BiDi V2G-11

Bidirectional V2G Charger



1 Features

- **Multi-application: bidirectional power flow for charging and discharging (V2HW2G)**
- **Smart control strategy, output dynamically adjusted according to the DC bus voltage, battery SoC, max. power, etc.**
- **Power fast tracking: the charging and discharging mode transition is less than 100ms**
- **Easy to use: plug-and-charge or press to start/stop**
- **Smart control and monitoring: cloud platform & mobile APP**
- **Remote maintenance: remote diagnosis and OTA**

2 Technical data

Input

Connection	AC three-phase, five-wire
Input voltage	400Vac rated, 173 ~ 457Vac
Input current	16.7A rated
Input frequency	50/60Hz rated, 45~65Hz
Input THD	≤5%

Output

Output power	11kW Max
Efficiency	96% PK
Output voltage	200~920Vdc
Output current	0~36.7A

Inverter mode

Input voltage	300 ~ 920Vdc
Output current	0 ~ 16A
Output voltage	400Vac rated

Mechanical

Dimension	520×352×185mm
Weight	27kg
Cooling method	Separate air duct, forced air cooling
Noise	<55dB (<40dB in silent mode)
Ingress protection	IP65

Environment

Operating temp.	-40 ~ 75°C (de-rating >50°C)
Altitude	<3000m (de-rate above 2000m)