

V2G Solutions



7.4kW Bidirectional DC Wall-box



- Multi-application: bidirectional power flow for charging and discharging (V2H/V2G)
- Wide range of output: up to 920Vdc, applicable to EVs at both 400V and 800V platform
- Easy to use: backend & smart APP control
- Enhanced reliability and product lifetime with IP65 high protection class design
- Low noise design: silent mode & automatic fan speed control
- Various comm. methods: Wi-Fi, 4G, Blue-tooth, Ethernet, RS485, etc.
- Remote maintenance: remote diagnosis and OTA

Input	Connection	AC single-phase, three-wire
	Input voltage	230Vac rated, 85~264Vac
	Input current	33.7A rated
	Input frequency	50/60Hz rated, 45~65Hz
	Input THD	≤5%
Output	Output power	7.4kW Max
	Efficiency	96% PK
	Output voltage	200 ~ 920Vdc
	Output current	0 ~ 24.7A
Inverter mode	Input voltage	300 ~ 920Vdc
	Output current	0 ~ 32A
	Output voltage	230Vac rated
Mechanical	Dimension	480×332×175mm
	Weight	23kg
	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)

11kW Bidirectional DC Wall-box



- Multi-application: bidirectional power flow for charging and discharging (V2H/V2G)
- Wide range of output: up to 920Vdc, applicable to EVs at both 400V and 800V platform
- Easy to use: backend & smart APP control
- Enhanced reliability and product lifetime with IP65 high protection class design
- Low noise design: silent mode & automatic fan speed control
- Various comm. methods: Wi-Fi, 4G, Blue-tooth, Ethernet, RS485, etc.
- Remote maintenance: remote diagnosis and OTA

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 ~ 36.7 A
Inverter mode	Input voltage	300 ~ 920Vdc
	Output current	0 ~ 16 A
	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)

19.2kW Bidirectional DC Wall-box



- Multi-application: bidirectional power flow for charging and discharging (V2H/V2G)
- Wide range of output: up to 920Vdc, applicable to EVs at both 400V and 800V platform
- Easy to use: backend & smart APP control
- Enhanced reliability and product lifetime with NEMA Type 3S high protection class design
- Low noise design: silent mode & automatic fan speed control
- Various comm. methods: Wi-Fi, 4G, Blue-tooth, Ethernet, RS485, etc.
- Remote maintenance: remote diagnosis and OTA

Input	Connection	AC Split phase
	Input voltage	120V/240Vac rated, 85~264V
	Input current	85A rated
	Input frequency	60Hz rated, 45~65Hz
	Input THD	≤5%
Output	Output power	19.2kW Max
	Efficiency	96% PK
	Output voltage	200 ~ 920Vdc
	Output current	0 ~ 64A
Inverter mode	Input voltage	300 ~ 920Vdc
	Output current	0 ~ 80A
	Output voltage	120V/240Vac rated
Mechanical	Dimension	22.8×15.9×7.9"
	Cooling method	Forced air cooling
	Noise	<55dB (<40dB in silent mode)
	Ingress protection	Type 3S
Environment	Operating temp.	-40 ~ 167°F (de-rating >122°F)
	Altitude	<9842' (de-rate above 6561')

11kW Bidirectional DC/DC Wall-box



- Soft start & disconnect function, brings less inrush to the DC link
- 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

Input	Rated input voltage	750Vdc
	Input voltage	600 ~ 920Vdc
	Input current	0 ~ 16.3A
Output	Output power	11kW Max
	Efficiency	97.5% PK
	Output voltage	200 ~ 920Vdc
	Output current	0 ~ 33.3 A
Inverter mode	Input voltage	300 ~ 920Vdc
	Output current	0 ~ 16.3A
	Output voltage	600 ~ 850Vdc
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)



■ **Thank you**

Connect the World. Connect the People.



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