



20KW

**POWER SOLID
DC CHARGER MODULAR**

General Features

- High efficiency: Max efficiency is greater than 97%;
- Wide voltage range: DC200V-1000V;
- Parallel capability: Support parallel operation of 60 charging modules;
- Low noise design: Reduced impact of noise on the environment;
- Low standby power consumption: Help to increase operational income;
- Sophisticated protection function: Protection against input overcurrent, input overvoltage, output reverse connection, output short circuit, output anti-backfill, over-temperature, etc.;
- Built-in current anti-backfill circuit, automatic protection for reverse battery connection;
- Built-in PFC circuit to improve the input power factor;
- Ultra-wide constant power range: DC300-1000V;

Basic Specification	
Dimension:	218*460*88mm (W*D*H)
Weight:	<15kg
Efficiency:	>96.5%(Peak) >95%(Full Load)
Cooling:	Fan Cooling
Self-consumption:	<6w@400V
Startup time :	3-8s
Input Specification	
Input voltage :	285-475VAC
AC input mode:	3P+PE
Input frequency:	45-65Hz(Rated frequency:50/60Hz)
Input current:	≤40A
Power factor:	>0.99
THDi:	<5%
Output Specification	
Output voltage:	200-1000VDC
Output power:	20kW
Ripple factor:	≤0.5%
Environmental Specification	
Altitude:	≤2000m
Operating temperature:	-40 - 75°C
Storage temperature:	-40 -85°C
Relative humidity:	≤95%
MTBF:	500,000 hours
Noise:	≤65dB
Standards Compliance	
EN 61851-23 in conjunction with EN 61851-1:2011; EN IEC 61851-1: 2019; 61851-21-2;	
EN 62477-1:2012+A11+A1+A12	