

POWER SOLID

DC CHARGER MODULAR

PSDCCM30KWKR

30 KW



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 reverseconnection, 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 improvethe input power factor.
- ▶ Ultra-wide constant power range: DC300-1000V.

Technical Specifications

Model		PSDCCM30KWKR
Dimension :	380*430*88mm(W*D*H)	
Weight :	<15kg	
Efficiency :	97% (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:	≤ 60A	
Power factor:	>0.99	
THDi:	< 5%	
Output Specification		
Output voltage:	200-1600VDC	
Output power:	30kW	
Ripple factor:	≤ 0.5%	
Environmental Specification		
Altitude:	≤ 2000m	
Operating temperature :	-40 ~ 75℃	
Storage temperature :	-40 ~ 85℃	
Relative humidity :	≤ 95%	
MTBF :	500,000 hours	
Noise :	≤ 65dB	
Standards Compliance		
EN 61851-23 in conjunction with EN 61851-1:2018; EN IEC 61851-1: 2019;61851-21-2;		
EN 62477-1:2012+A11+A1+A12		