

# M

# MEDALPOWER



**30KW**

**GB/T**



## Medal Power EV DC Charger

[WWW.MEDAL-POWER.COM](http://WWW.MEDAL-POWER.COM)

## MPDCC30KWS

### PRODUCT INTRODUCTION

380V/30kW, intelligent and easy-to-install (wall-mounted/floor-mounted) DC charging pile is mainly suitable for low-power charging scenarios, and the module adopts full glue filling process, which has strong environmental adaptability; With ultra-wide voltage output range of 150V~1000V, it meets the charging needs of various models and provides users with safe, professional and economical charging solutions. It can charge about 30 kWh in an hour.

#### EASY TO USE

Simple installation and short construction period  
Small size, easy to move and maintain  
Intelligent control, swipe card/scan the code/VIN

#### SMART AND EFFICIENT

Wide voltage range  
Compatible with all vehicle models  
Intelligent fan speed regulation  
The system has high efficiency  
Device Intelligent Management  
Program remote upgrade

#### SAFE AND SECURE

The module is fully filled with glue, and the environment adapts strongly  
Multiple protection to ensure charging safety  
Dynamic encryption protects customer assets

**Less investment**

**Eliminating the need for transformers**

**Fast charging**

**DC 1000V charging module**

**New Mainstream**

**Easy to install    Flexible configuration**

LEAVE POWER FOR MEDAL POWER

# Technical Specifications

LEAVE POWER FOR MEDAL POWER

INFORMATION OF PRODUCTION	
	Standards of China
MODEL DESCRIBE	30kW Integrated DC Charging Spot
MODEL SPEC	BXEV-DC30K/1000
POWER	30kW
START MODE	Card,Scanning Code,APP,VIN
HMI & LIGHT	7inch touch screen + LEDs
INSTALLATION METHOD	Installed with column or Installed on the Wall
DIMENSION (W*D*H MM)	550*260*720 mm
Input Parameters	
INPUT VOLTAGE	380Vac±20%
INPUT CURRENT	≤70A
FREQUENCY (HZ)	50Hz /60Hz
THDI	≤5%
Output Parameters	
OUTPUT VOLTAGE	DC150V-DC1000V
MAX. OUTPUT CURRENT	100A
OUTPUT CURRENT MAX SINGLE CHARGING	100A
VOLTAGE ACCURACY (%)	≤±0.5%
CURRENT ACCURACY (%)	≤±1%
CURRENT UN BALANCE (%)	≤±5%
POWER FACTOR	≥95%
General Parameters	
POWER METERING LEVEL	Level 1.0
BMS POWER SUPPLY	12V
CABLE LENGTH(M)	Outside of Cabinet 5m
CHARGING INTERFACE	GB/T 20234.2-2015 DC Charging
WORKING SOUND	≤65dB
ALTITUDE (M)	2000m ( 2000 ~ 4000m Power down )
OPERATING TEMPERATURE(°C)	-25°C ~ +65°C ( 50°C ~ +65°C Derating use )
HUMIDITY (%)	≤95%RH, no dew
INGRESS PROTECTION	IP54
COOLING METHOD	Fan cooling
COMMUNICATION METHOD	Ethernet,and 4G of Whole network
Protection Design	
INPUT PROTECTION	Under voltage,Over Volatage,Over Current,Over Temperature,Leakage of Electricity,Short Circuit,Emergency Stop,and Lighting Protection
OUTPUT PROTECTION	Short Circuit,Over Temperature,Leakage of Electricity,Over Current,Emergency Stop,Communication Fault Protection.
Protection Condition	
CABINET PROTECTION	IP54,Escaped from Salt Mist,Damp,Mouldy,and Ultraviolet rays damaged.
Certification Standards	
STANDARDS ( CHINA )	GB/T 18487.1-2015 GB/T 18487.2-2017 GB/T 27930-2015 GB/T 34658-2017 GB/T 34657.1-2017 NB/T 33001-2018 NB/T 33008.1-2018
SAFETY CERTIFICATED	CQC Product Certificated