



MEDALPOWER



40KW

GB/T



Medal Power
EV DC Charger

WWW.MEDAL-POWER.COM

MPDCC40KWS

PRODUCT INTRODUCTION

380V/40kW 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 40 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
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

INFORMATION OF PRODUCTION	
	Standards of China
MODEL DESCRIBE	40kW Integrated DC Charging Spot
MODEL SPEC	BXEV-DC40K/1000
POWER	40kW
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 $\pm$ 20%
INPUT CURRENT	$\leq$ 70A
FREQUENCY (HZ)	50Hz /60Hz
THDI	$\leq$ 5%
Output Parameters	
OUTPUT VOLTAGE	DC150V-DC1000V
MAX. OUTPUT CURRENT	133A
OUTPUT CURRENT MAX SINGLE CHARGING	133A
VOLTAGE ACCURACY (%)	$\leq \pm 0.5\%$
CURRENT ACCURACY (%)	$\leq \pm 1\%$
CURRENT UN BALANCE (%)	$\leq \pm 5\%$
POWER FACTOR	$\geq 95\%$
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	≤ 65 dB
ALTITUDE (M)	2000m (2000 ~ 4000m Power down)
OPERATING TEMPERATURE(°C)	-25°C ~ +65°C (50°C ~ +65°C Derating use)
HUMIDITY (%)	$\leq 95\%$ 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 Voltage, 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