

Explore our Technologies

Portable Electric Vehicle

Fast Charger

for Electric Vehicles



Portable Electric Vehicle Fast Charger for Electric Vehicles

The portable fast charger adopts wheel design, easy to carry and move. With high efficiency and reliability, it can be widely used in changeable charging sites, emergency power supply or places with no room for fixed charging points, like 4S stores, auto plants, tourist attractions, road rescue or delivery of EVs.

Features & Benefits

- Applicable to various EVs such as electric cars, trucks, buses, etc.
- Strong adaptability, covering multiple voltage and power levels
- Modular design, easy to expand and maintain
- Higher power density and smaller size
- High-speed CAN communication bus to realize real-time detection and monitoring communication of modules
- Comprehensive protection, safer and more reliable

- **Efficiency & flexibility**
 - Fast charging with high current, efficiency up to 94%
 - Wheel design, easy to move and carry
 - Suitable for all kinds of EV models
- **User-friendly design**
 - Modular design, easy to replace, maintain and expand
 - One-button switch for simpler operation
 - Friendly HMI with charging data display
- **Higher reliability**
 - Reduce energy consumption, control sensitive, safe and reliable
 - Reduce pollution to the grid
 - Adapt to a wider range of voltage fluctuations
- **Multiple protections**
 - Featured fan failure, battery reverse and insulation fault protection, etc.
 - Various auto power-off protections

Technical Data

Model	ZEVQC-20/750-PIE	ZEVQC-30/750-PIE	ZEVQC-40/750-PIE
Rated input voltage (VAC)	380±20%		
Input current (A)	≤32	≤49	≤65
Rated output power (kW)	20	30	40
Rated output current (A)	33	50	67
Output voltage (VDC)	200-750		
Regulated current accuracy	≤±1%		
Regulated voltage accuracy	≤±0.5%		
Current - unbalance	≤±5%		
Efficiency	≥94%		
Frequency (Hz)	50±10%		
Power factor	≥0.99		
THD	≤5%		
Ambient temperature (°C)	-20 to 50		
Humidity	5%-95%, no condensation		
Altitude (m)	≤2000 full load output		
Insulation strength	Insulation resistance > 10M (normal air pressure, humidity < 90%, no condensation, 1000VDC)		
MTBF	> 20000h		
Standards	IEC61851		
Input cable length (m)	3		
Output cable length (m)	2		
Dimensions (W×D×H: mm)	550×310×540 (in kind prevail)		
Weight (kg)	< 50		
Protection	overvoltage, undervoltage, overcurrent, short circuit, fan failure, battery reversal, insulation fault protection, etc.		

BorgWarner New Energy (Xiangyang) Co., Ltd

Add: No.59, Guanyu Road, Xiangyang City, Hubei Province, China
Tel: +86 710 2309484

borgwarner.com

