

# Electric Vehicle Charger 90/120/150/180kW DC

Ecotap® 180 DC fast charger



Max. DC output power 180kW DC Output voltage 200-750VDC

- Activate via card reader of Start/ Stop button (depending on which version you ordered)
- standard is Card reader.
- EV communication Mode 4
- Input voltage range 260~473Vac 400Vac
- Input operating frequency 45~65HZ ; 50/60HZ
- Input power factor 0.99 (rated 220 Vac input, rated load output)
- Maximum input current 315A
- Input surge depending on output current and characteristics
- Output Power 0-180.000W
- Output voltage range 200-750VDC
- Maximum output current 0 - 450A (standard max. 200A CCS and 125A ChaDeMo)
- Effectiveness 96% Safety indicators
- Insulation resistance 20M $\Omega$  (type)
- Dielectric strength <1mA, [3.6kVdc@1min](#)
- Leakage current 3.5MA
- Grounding resistance 0.1 $\Omega$  ; 450A@1min) EMC characteristics
- EFT Input and output: 4kV; signal: 1kV, refer to EN 61000-4-6 • ESD 8kV/15kV, refer to EN 61000-4-2
- Niose 52/54db @ 1 meter
- Conducted immunity 3Vrms, 0.15 ~ 80MHz, refer to EN 61000-4-6
- LVD compliance EN61851-1 Working environment
- Range of working temperature -40~85°C; 25°C ; Intelligent derating of shell temp over 70°C
- Operating humidity range 20~95RH %; 25RH % no condensation
- Altitude 2000M • Atmospheric pressure 70~106KPa
- Heat dissipation method Forced air cooling Storage environment
- Storage temperature range -40~85°C ; 25°C
- Storage humidity range 5~95RH %; 25RH % no condensation
- Altitude 3000M; more than 3,000 meters, the altitude is lowered by 1 °C for every 100 meters above sea level
- Atmospheric pressure 70~106KPa
- LED function RGB LED assy Blue: Charging Green: Battery Full Red: Error
- ChaDeMo cable line length 3 meter
- CCS cable line length 3 meter
- ChaDeMo and CCS can be used equallyload together power will be divided.
- Vandal-proof screen.
- Screen infomation is customization and included
- Color of backsite charger RAL 6018
- Color of frontsite charger RAL 7035