

80 kW Standalone Charger (DC)

Space-saving stand-alone charger with high quality, efficiency, reliability and cost-effectiveness

VDO's 80 kW Standalone Slim Charger is a space-saving solution that does not compromise on power, efficiency, reliability and quality.

KEY FEATURES INCLUDE

- ✓ 1 x CCS charging points
- ✓ Connectivity LAN (standard) or 4G (optional)
- ✓ 10" LED screen

TECHNICAL SPECIFICATIONS

AC input

| | |
|--------------------|--|
| Input voltage: | 3 Phase 400 VAC |
| Input frequency: | 50 Hz |
| Power factor: | ≥0.99 (Load100%); ≥0.98 (load 50%~100%) |
| Input current max: | 135 A |

DC output

| | |
|------------------------------|--------------------------------------|
| Protocol: | Mode 4 |
| Output power: | 80 kW |
| Output voltage range: | 150 – 1000 V DC (nominal – 750 V) |
| Output current range: | 250 A continuous per outlet |
| Voltage stabilized accuracy: | ±0.5% |

Operating environment

| | |
|----------------------------------|---|
| Efficiency: | >96% |
| Operating/ambient temperature: | -25 °C to 60 °C, derating from 45 °C |
| Storage temperature : | -40 °C to 85 °C |
| Pressure/altitude: | 79 kPa~106 kPa/2000 m |
| Cooling: | Liquid cooling |
| Dimensions (HxWxD): | 2200 x 300 x 580 mm |
| Weight: | approx. 230 kg |
| According to European Standards: | German Eichrecht, MID, EN 61439-1, CE in compliance with (2014/30/EU, 2014/35/EU, 2014/53/EU), AFIR |
| Treatment: | Stainless steel + powder coating |
| Number of charging points: | 1x CCS |
| CCS cable length: | 1 x 5 m |
| DC power plug: | Mode 4 (IEC-61851-23/24) Combo-2 (DIN 10121) |
| Back office protocol: | OCPP 1.6J/2.01 |
| Start-Stop: | RFID-card |
| IP grade: | 54 IEC 60529 |



Learn more
about the
VDO charging
solutions