

### General characteristics

e-Charger: Denka

Color: White and gray

Material: Aluminum with epoxy coating and synthetic material

### Mechanical characteristics

Weight: 60 kg

Protection Rating: IP54

Impact Protection: IK10

Maximum Altitude: Less than 4,000 m

Operating Temperature: -30°C to 55°C (derating may occur at high temperatures)

Humidity: 5-95%

Noise Level: Less than 65 dB

Isolation Monitoring Device

Cooling System: Forced ventilation

Customization Option: Brand logo

### Electrical characteristics

Supply Voltage: 260-485 V. Standard 400/800 V AC

Frequency: 50/60 Hz

Maximum Input Current: Less than 70 A

Power: 40 kW

Power Factor:  $\geq 0.98$  (load: 50%-100%)

Efficiency:  $\geq 95\%$

THDi:  $\leq 5\%$  (load: 50%-100%)

Standby Consumption: Less than 20 watts

Grounding System: TT/TN-S

Input Switch: Yes

Electrical Protections: Mandatory external protections

#### DC Output

Maximum Power: 40 kW greater than 300 V

Output Voltage: 200-1,000 V

Voltage Ripple:  $\geq 5$  V

Cable: 5m CSS Combo Type 2

Charging Protocols: ISO15118, DIN SPEC 70121

### Standards

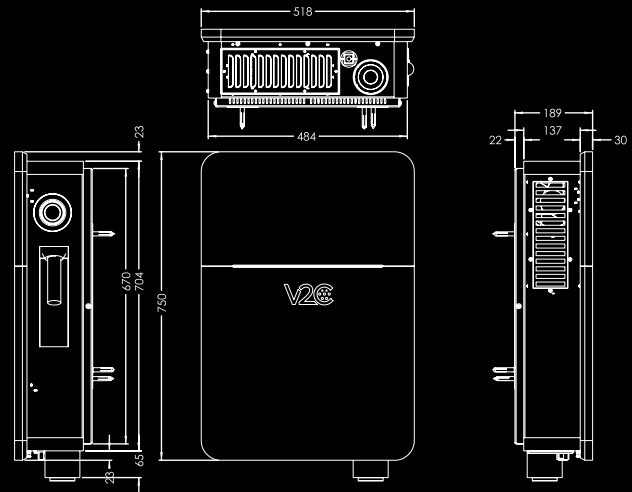
Standard: IEC 61851-1 / IEC 61851-23 / IEC 62477-1 /

EN 61851-1 / EN 61851-23 / EN 62477-1

EMC: IEC 61851-21-2 / EN 61851-1-21-2 / Class B

Marking: CE

### Dimensions



### Functional characteristics

Communication Protocol: V2C Cloud / OCPP 1.6 JSON / API Cloud / Modbus TCP / Modbus RTU

Connectivity: WiFi / Ethernet / 4G (embedded router)

Identification: RFID / Autocharge / V2C Payments

Load Balancing: Included

Payment Terminal: Optional

Charging status: NeoPixel RGB LED lighting

Software with remote updates (OTA)

### Product Number Composition

Model		DENKA
Current	20 kW	20
	40 kW	40

#### DENKA20

