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20kW Mobile DC Charger



The Pelican EV 20kW DC mobile charger is designed for fast charging requirements in any environment and plugs into a standard 3-phase electrical supply.

Ideal applications:

- Fleet Depots
- Commercial Vehicle Workshops
- EV Dealerships
- Recovery Operators
- HGV / LCV Service Centres
- Public & Private Charging Locations



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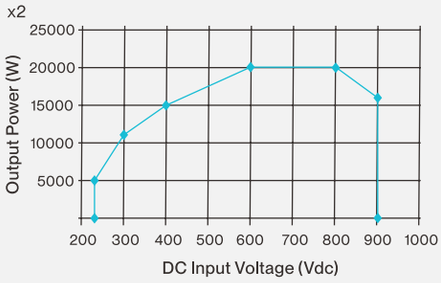
20kW Mobile DC Charger

Product Name:	20kW Mobile DC Charger
Maximum Output Power:	20kW DC
AC Input:	AC380V±15%, 3P+N+PE
DC Output:	200-1000V DC
Efficiency:	≥96%
Display:	7-inch LCD screen
Protection Rating:	IP54
Communication:	OCPP 1.6J
Network:	WiFi, Ethernet
Operation:	RFID, APP, Plug & Play
Operating Temperature:	-25°C to +50°C
Operating Altitude:	≤2000m
Cooling Method:	Forced Air Cooling

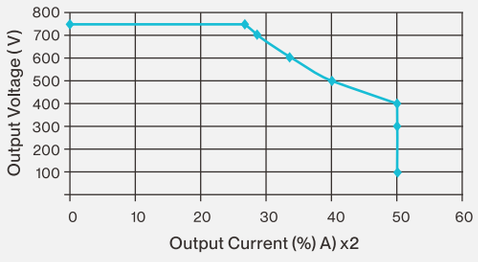


Dimensions:	249mm(d) 420mm(w) 700mm(h)
Net Weight:	80kg
Housing Material:	Galvanized Steel
Installation:	Floor Standing

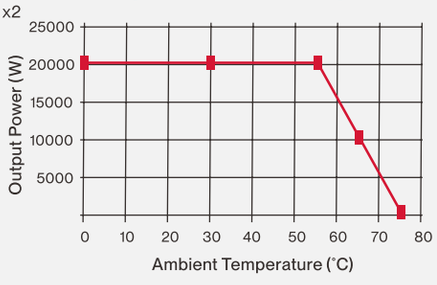
Output Power vs Input Voltage Relationship Curve



Output Voltage vs Output Current Relationship Curve



Output Power vs Ambient Temperature Relationship Curve



Typical example charging times for the Pelican EV 20kW Mobile DC Charger

Electric Vehicle	Charging time for Pelican EV 20kW Charger
Audi e-tron / Porsche Taycan 93.4kWh	around 5 hours
TCe12 electric coach (281kWh battery)	around 16 hours
E10/E12 electric bus	around 22 hours

**Power from the unit represents the maximum charging speed available. Charging speed will reduce as the battery gets closer to full charge, so times are quoted for a charge of 85%. This maximises charging efficiency and helps protect the battery.*

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