MaxiCHARGER Gen2



Datasheet

Maxicharger

DS480

AUTEL UK Authorised Distribution Partner | SEVADIS POWERING ELECTRIC VEHICLES

0330 058 7144

Distribution Charging Unit

Power Cabinet

1-16ports
Number of outputs

160-1440kW
Power range

150-1000V
Adaptive voltage range



Datasheet

MaxiCHARGER Gen2

Technical specifications



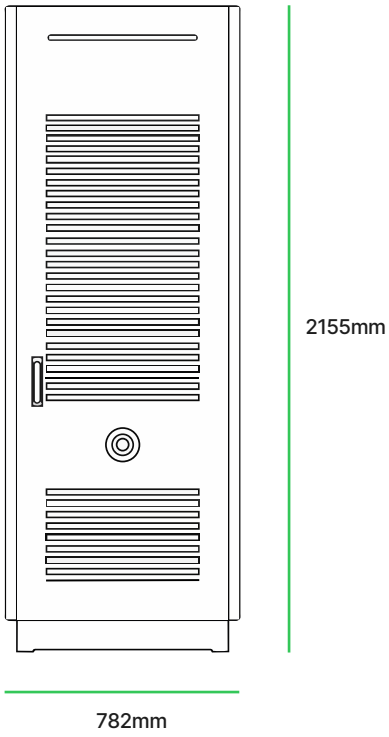
	DS480
DC Output	
Output Power	160kW - 480kW
Minimum Adjustable Power	40kW granularity
Output Voltage	150 - 1000V
Peak Efficiency	96%
Number of Outputs (Max.)	8
AC Input	
Input Voltage	3-phase 400V AC ±10% (2 Routes)
Input Frequency	50Hz/60Hz
Earthing System	TN-S, TN-C, TN-C-S, TT
Input Connection	3 Phases+PE
Power Factor	≥0.99
Harmonic Distortion (THDi)	<5%
Overvoltage Category	AC side (Input) OVC: III
General Specifications	
Dimensions (W×D×H)	782mm x 782mm x 2155mm
Connectivity	
Standby Power	<85W (Depending on configuration)
Enclosure Rating	IP54/IK10
Communication to the EV	ISO/IEC 15118 with PnC, DIN 70121
Software Update	OTA updates via web portal, FTP, FTPS, HTTPS
Accessibility	Meets ADA requirements for height, reach, and user interface
Emergency Button	Yes
Warranty	24 months, warranty extension possible
User Interface	
Status Indication	Standard
Languages	English, French, Spanish, German, Italian (others available via software upgrade)
RFID Protocols	ISO 14443 A/B, ISO/IEC 15693, MIFARE
Communication Protocols	OCPP 1.6J (OCPP 2.0.1 Optional)
Environmental Specifications	
Humidity	<95 % RH, non-condensing
Operating Altitude	2000m
Operating Temperature Range	-35°C to 55°C
Storage Temperature Range	-40°C to 70°C
Noise	≤55dBA[1] (Silent Mode)
EMC Compliance	EMC Class A
Compliance and Safety	IEC 61851-1, IEC 61851-21-2, IEC 61851-23, IEC 61000
Certification	CE; UKCA; TR25; ETSI EN 303645; TÜV

(1) Standard environmental conditions 25°C, 1 m distance

Dimensions

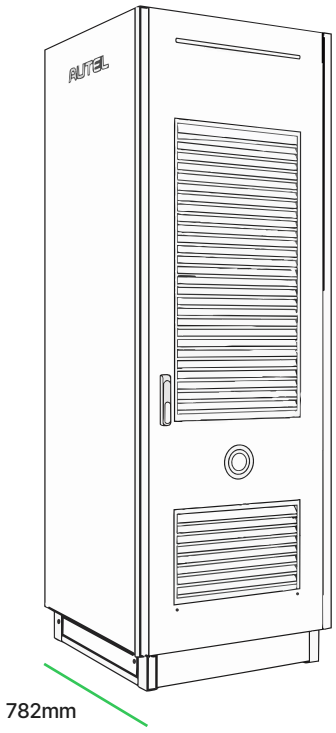
Front





Side





AUTEL®
UK Authorised Distribution Partner

SEVADIS
POWERING ELECTRIC VEHICLES