



Version 1.1
11/2025

COMPACT CHARGING SYSTEM

Mobile 40kW

SIEMENS

Technical data

Output

		Mobile 40kW
Rated power	kW	40
Current	A	67
DC interfaces		1× CCS2 integrated
Voltage range	V _{dc}	100 – 1000
Peak efficiency	%	94
Cable length	m	3m DC (3m AC) or 5.5m DC (5m AC)

Input

Input connections		63A CEE plug (per IEC 60309-2)
AC Voltage	V _{ac}	400 ±10%
AC Current per phase	A	Depending on max. current selection (power @400V _{ac}): 16A (10kW), 32A (2 kW), 63A (40kW)
Frequency	Hz	50 Hz ± 1%
Power factor		> 0.95 (above 14kW)
Short circuit current rating	kA	10
Total harmonic distortion	%	THD < 5% (above 33kW)
Standby power consumption (Active power)	W	< 40

Environmental conditions

Operational environment		Indoor and outdoor
Operating temperature	°C	-25 to +45, derating > 40 ⁽¹⁾
Relative humidity	%	5 to 90 (non condensing)
Operating altitude	m	up to 2,000 above sea level
Operating noise level	dB(A)	< 63 @ 1m

Mechanical specifications

Enclosure protection		IP54, IK10
Coating (corrosion class)		C4H
Overall dimensions	W mm D x H mm	720 550 x 960 (incl. wheels and handles)
Weight (excl. packaging)	kg	130

Commercial and connectivity features

Local user interface and LEDs		LED status indicator
Network connection		4G LTE / 3G UMTS / 2G GPRS / Ethernet
Remote management		Optional
Branding options		Optional custom branding

Regulations and standards

Conformity		CE marking
Legislations		2014/53/EU (RED) 2011/65/EU, 2015/863/EU (RoHS) (EC) 1907/2006 (REACH) 2012/19/EU (WEEE)
Electrical safety		EN IEC 61851-1, EN IEC 61851-23
EMC		EN 61851-21-2
Cybersecurity		EN 18031-1, EN 18031-2
Communication		Vehicle: EN IEC 61851-24, DIN 70121, EN ISO 15118-2

¹ Without impact of direct sunlight