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Easy Chester®

Technical datasheet



ES France - Département Puissance Energie
127 rue de Buzenval BP 26 - 92380 Garches



Tél. 01 47 95 99 45
Fax. 01 47 01 16 22



e-mail : tem@es-france.com
Site Web : www.es-france.com

Easy Chester®

Variants

- 118-1-001 – Easy Chester® - CCS 1 + F
- 118-1-002 – Easy Chester® - CCS 2 + F
- 118-1-003 – Easy Chester® - CCS 1 + CCS 2 + F
- 118-1-004 – Easy Chester® - CHAdeMO + F
- 118-1-005 – Easy Chester® - Combined 1 + F
- 118-1-006 – Easy Chester® - Combined 2 + F
- 118-1-007 – Easy Chester® - CCS 1 + AC + PLC + F
- 118-1-008 – Easy Chester® - CCS 2 + AC + PLC + F
- 118-1-009 – Easy Chester® - CCS 1 + CCS 2 + AC + PLC + F
- 118-1-010 – Easy Chester® - Combined 1 + AC + PLC + F
- 118-1-011 – Easy Chester® - Combined 1 + AC + PLC + F
- 118-1-012 – Easy Chester® - CCS 1 + AC + PLC + F + NACS DC + F
- 118-1-013 – Easy Chester® - NACS DC + F

comemso

comemso electronics GmbH
Karlsbader Str. 13 | 73760 Ostfildern
Germany
Telefon +49 711 / 982 98 -200
sales@comemso.com

www.comemso.com



Technical Data



Application	Portable device for mobile testing Charging test up to approx. 1,8 kW - Standard
Supported charging standards options	DC CCS 1, DC CCS 2, CHAdeMO up to Version 2.0, NACS in combination with DC and AC charging
Norm conformity	DIN 70121, ISO15118-2, -3
AC / DC voltage	Integrated isolated Banana sockets
Charging time	Adjustable from 30 seconds up to continuous - requires DC Load
Charging technology	400 V
Configuration	Available in different configurations
Gun Lock	for CCS / NACS
Measuring range	Voltage: 0 - 1.000 V; +/- 1 V resolution Current: 0 - 200 A; +/- 0,1 A resolution
Measuring accuracy	Voltage: +/- (1V + 0,5% of measured value) Current: +/- 0,5 A
AC supply	85 - 245 V AC
Test reports	On display to PDF-Export
Power consumption	Max. 500 VA – inrush current might be higher
Protection class	IP 66 (closed case), IP 43 (opened case)
Temperature range	-15 ... + 40 °C / 5 - 104 °F
Transportability	Portable case
Isolated fault simulation	DC+ to PE / DC- to PE: 780, 690, 600, 500, 475, 400, 300, 200, 95, 50, 47 kOhm
Dimension (WxHxD)	60 x 33 x 40 cm / 24 x 13 x 16 inch
Weight	16 kg / 35 lbs
EV Simulation	Resistive load with emulated battery voltage 400 V charger technology Approx. 6 – 200 A (with external DC loads) 30 sec. – permant duration of charging cycle



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