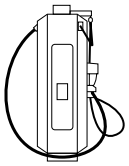
MCS Dispenser

The future of DC Ultra-Fast Charging.
MCS dispenser up to 1500 A @1000 Vdc.
MCS and CCS outputs compatible.



Updated Hardware – Coming Soon

MCS Dispenser



REFERENCE		NBDMCS1500H NBDMCS1500U
DC OUTPUT	Maximum continuous current [A]	600 | MCS 1500 [1]
	Voltage range [V]	150 – 1000
	Available connectors	MCS (cooled), CCS (cooled) [2] and NACS (cooled) [2]
GENERAL	Interface	10" Touchscreen
		E-Stop button (optional)
		Payment terminal (optional)
	RFID reader	ISO14443 A/B, MIFARE, Calypso, ISO18092, ISO15693
	Protections	Insulation Monitoring Device
	Energy meter	Internal DC energy measurement
		DC meter (optional) [1] MID-Eichrecht (IEC) / CTEP-NTEP (UL) compliant [1]
	Cable length [m/ft]	MCS 4/13.12 | CCS / NACS 5 / 16.4 ; 7.6 / 24.9 Optionally CCS/NACS: 6.1 / 20 [3]
	Protection ratings	IP54 | NEMA 3R | IK10 (IK08 for HMI)
	Enclosure / foot / glass color	White (RAL 9016) / Grey (RAL 7016) / Black
	Customization [2]	Enclosure (Color/Vinyl) / Logo
	Operation temperature range [°C/°F]	Standard: -25 to 50 / -13 to 122 Optional: -30 to 50 / -22 to 122
	Relative humidity	From 4% to 95% non-condensing
	Maximum altitude above sea level [m/ft]	2000 / 6561 without derating (Max: 3000 / 9842)
	Charging protocols	ISO 15118-20 / DIN 70121
	Communication protocols	Industrial Ethernet, OCPP 1.6J, OCPP 2.0.1 [3], REST API [1]
	Preliminary dimensions (WxDxH) [mm/ft]	710 x 950 x 2250 / 2.32 x 3.12 x 7.38
	Regulation	IEC 61851-1, IEC 61851-23, IEC 61851-23-3 [1], IEC 61851-24, IEC 61851-21-2 UL 2202, UL 2231-1, UL 2231-2, CSA C22.2 No. 346.22, NEC 625, FCC Part 15 Class A

NOTES

[1] Consult with Power Electronics for further information.
[2] Sequential charge available.
[3] Consult availability with Power Electronics.

POWER ELECTRONICS