

HYC200 - Technical Specification



POWER SUPPLY	
AC Nominal Voltage	400 V -15% +10%
AC Maximum Input Current	320A
Max Charging Power	100 kW (one Power-Stack), max. 300 A 200 kW (two Power-Stacks), max. 600 A
Frequency	50 Hz 60 Hz
Charging Cable	CCS2 up to 500 A (prepared for 600 A boost) CHAdeMO up to 200 A CCS1 GB/T
Standby Power Consumption	43 W
THDi (Total Harmonic Distortion)	< 5% @ full load
Power Factor	> 0.99 (@ full load)
Efficiency	up to 97.5%
CHARGING INTERFACES	
Maximum Total DC Output Power	100 kW (one Power-Stack), max. 300 A 200 kW (two Power-Stacks), max. 600 A
Granularity of Output Power	50kW
Maximum Output Current	500 A continuous (600 A boost)
Output DC Voltage Range	150 Vdc - 1000 Vdc
DC Standard Protocol	CCS1/2: SAE J1772 / EN 61851-24/ DIN SPEC 70121; ISO 15118 CHAdeMO 1.2 GB/T 27930 (for automotive multicharger)
Load and Charging Management	Smart, dynamic allocation of power modules and distribution of charging power to charging points.
RFID System	RFID reader (ISO/IEC 14443A/B, ISO/IEC 15693)
Network Connections	LTE/UMTS/GSM Modem 4G/3G/2G 10/100Base-T Ethernet
Communication Protocol	Open Charge Point Protocol (OCPP) 1.6 J, ready for 2.0 J

*The product image shown is for illustration purposes only and may not be an exact representation of the product.

HYC50 - DC Fast Specification



PHYSICAL	
Dimensions (H x W x D)	2185 x 420 x 663 mm
Weight	325 kg up to 462 kg* *Depending on configuration
Cable Lengths	3.5 m or 5 m and Cable Management System (CMS)
Exposure Rating	IP54/IK10
Operating temperature	-30°C up to +55°C
Humidity	10% - 95% relative (non-condensing)
Mounting	Floor mounted on plinth or base (Optional concrete foundation base)
REGULATION	
Certifications	TUV Süd CB in progress
EU Directives	014/53/EU (RED), 2011/65/EU (ROHS2), 2015/863/EU (ROHS3), 2012/19/EU (WEEE), 1907/2006 (REACH REGULATION)
Electrical Safety	IEC 61851-1, IEC 61851-23, IEC 61439-7 (as required by IEC 61851 series), IEC 62311, IEC 62477-1

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