

Cord Charging Cable – 22kW

Technical Product Datasheet



**Mode 3, Type 2, 32A, 3 Phase
For Electric Vehicles**

	CRDCBL05M22KW	CRDCBL07M22KW	CRDCBL10M22KW	CRDCBL15M22KW
Model	Cord Charging Cable 5 metre 380V 32A 22kW	Cord Charging Cable 7.5 metre 380V 32A 22kW	Cord Charging Cable 10 metre 380V 32A 22kW	Cord Charging Cable 15 metre 380V 32A 22kW
Connector on vehicle side	type 2	type 2	type 2	type 2
Connector on infrastructure side	type 2	type 2	type 2	type 2
Charging mode	Mode 3 (IEC 61851-1)	Mode 3 (IEC 61851-1)	Mode 3 (IEC 61851-1)	Mode 3 (IEC 61851-1)
Standard connector on vehicle end	IEC 62196-2	IEC 62196-2	IEC 62196-2	IEC 62196-2
Standard connector on infrastructure end	IEC 62196-2	IEC 62196-2	IEC 62196-2	IEC 62196-2
Rated voltage U_N [V] AC ± 10%	480	480	480	480
Rated frequency f_N [Hz]	50	50	50	50
Rated current I_{nA} [A]	32	32	32	32
Max. charging power[kW]	22	22	22	22
Connection	3-phase	3-phase	3-phase	3-phase
Degree of protection (unplugged)	IP65	IP65	IP65	IP65
Degree of protection (unplugged with protective cap)	IP55	IP55	IP55	IP55
Cable type	EVC H07BZ5-F	EVC H07BZ5-F	EVC H07BZ5-F	EVC H07BZ5-F
Overall length [mm]	5000	7500	10000	15000
Cable length [mm]	4600	7100	9600	14600
Cable cross-section [mm²]	5G6	5G6	5G6	5G6
Cable diameter [mm]	16.7	16.7	16.7	16.7
Weight [g]	3100	4400	5600	8100
Standards	IEC 61851, EN 62196	IEC 61851, EN 62196	IEC 61851, EN 62196	IEC 61851, EN 62196
Permissible ambient conditions [°C]	-30 to +50	-30 to +50	-30 to +50	-30 to +50
Impact rating (ie IK10)	IK10	IK10	IK10	IK10
Crush resistance	2.0 tonne	2.0 tonne	2.0 tonne	2.0 tonne
Tested to 'x' number of insertions	10,000	10,000	10,000	10,000

