Cord Charging Cable – 7.4kW
Technical Product Datasheet

Mode 3, Type 2, 32A, 1 Phase
For Electric Vehicles

	CRDCBL05M07KW	CRDCBL07M07KW	CRDCBL10M07KW	CRDCBL15M07KW	CRDCBL20M07KW	CRDCBL30M07KW
Model	Cord Charging Cable 5 metre 230V 32A 7.4kW	Cord Charging Cable 7.5 metre 230V 32A 7.4kW	Cord Charging Cable 10 metre 230V 32A 7.4kW	Cord Charging Cable 15 metre 230V 32A 7.4kW	Cord Charging Cable 20 metre 230V 32A 7.4kW	Cord Charging Cable 30 metre 230V 32A 7.4kW
Connector on vehicle side	type 2	type 2	type 2	type 2	type 2	type 2
Connector on infrastructure side	type 2	type 2	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)	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	IEC 62196-2	IEC 62196-2
Standard connector on infrastructure end	IEC 62196-2	IEC 62196-2	IEC 62196-2	IEC 62196-2	IEC 62196-2	IEC 62196-2
Rated voltage U N [V] AC ± 10%	250	250	250	250	250	250
Rated frequency f N [Hz]	50	50	50	50	50	50
Rated current lnA [A]	32	32	32	32	32	32
Max. charging power[kW]	7	7	7	7	7	7
Connection	1-phase	1-phase	1-phase	1-phase	1-phase	1-phase
Degree of protection (unplugged)	IP65	IP65	IP65	IP65	IP65	IP65
Degree of protection (unplugged with protective cap)	IP55	IP55	IP55	IP55	IP55	IP55
Cable type	EVC H07BZ5-F	EVC H07BZ5-F	EVC H07BZ5-F	EVC H07BZ5-F	EVC H07BZ5-F	EVC H07BZ5-F
Overall length [mm]	5000	7500	10000	15000	20000	30000
Cable length [mm]	4600	7100	9600	14600	19600	29600
Cable cross-section [mm²]	3G6	3G6	3G6	3G6	3G6	3G6
Cable diameter [mm]	13.5	13.5	13.5	13.5	13.5	13.5
Weight [g]	2400	3300	4200	6000	7800	9600
Standards	IEC 61851, EN 62196	IEC 61851, EN 62196	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	-30 to +50	-30 to +50
Impact rating (ie IK10)	IK10	IK10	IK10	IK10	IK10	IK10
Crush resistance	2.0 tonne	2.0 tonne	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	10,000	10,000