

# Cord Plus Portable Charger 2.3kW - UK

## Technical Product Datasheet



## Mode 2 Type 2 10A

### For Electric Vehicles

	PPC05M02KW-UK	PPC10M02KW-UK	PPC15M02KW-UK
<b>Model</b>	Cord Plus Portable Charger 5 metre 230V 6A-8A-10A Max 2.3kW - UK Plug	Cord Plus Portable Charger 10 metre 230V 6A-8A-10A Max 2.3kW - UK Plug	Cord Plus Portable Charger 15 metre 230V 6A-8A-10A Max 2.3kW - UK Plug
<b>Connector on vehicle side</b>	type 2 IEC 62196-2	type 2 IEC 62196-2	type 2 IEC 62196-2
<b>Connector on infrastructure side</b>	UK 3 Pin Plug (type G - BS1363)	UK 3 Pin Plug (type G - BS1363)	UK 3 Pin Plug (type G - BS1363)
<b>Charging mode</b>	Mode 2 (IEC 61851-1)	Mode 2 (IEC 61851-1)	Mode 2 (IEC 61851-1)
<b>Rated voltage U<sub>N</sub> [V] AC ± 10%</b>	230	230	230
<b>Rated frequency f<sub>N</sub> [Hz]</b>	50	50	50
<b>Rated current I<sub>nA</sub> [A]</b>	10	10	10
<b>Max. charging power[kW]</b>	2.3	2.3	2.3
<b>Connection</b>	1-phase	1-phase	1-phase
<b>Residual Current Device</b>	Type A (I <sub>ΔN</sub> = 30 mA) + DC (I <sub>ΔNDC</sub> = 6 mA)	Type A (I <sub>ΔN</sub> = 30 mA) + DC (I <sub>ΔNDC</sub> = 6 mA)	Type A (I <sub>ΔN</sub> = 30 mA) + DC (I <sub>ΔNDC</sub> = 6 mA)
<b>Charging module IP rating</b>	IP65	IP65	IP65
<b>Plug / connector IP rating</b>	IP65(mated); IP55(unmated)	IP65(mated); IP55(unmated)	IP65(mated); IP55(unmated)
<b>Cable type</b>	H07BZ5-F	H07BZ5-F	H07BZ5-F
<b>Infrastructure side cable length [mm]</b>	800	800	800
<b>Total length [mm]</b>	5,000	10,000	15,000
<b>Total cable length [mm]</b>	4,200	9,200	14,200
<b>Cable cross-section [mm<sup>2</sup>]</b>	3 x 2.5mm <sup>2</sup> + 1 x 0.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup> + 1 x 0.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup> + 1 x 0.5mm <sup>2</sup>
<b>Cable diameter [mm]</b>	11.7	11.7	11.7
<b>Weight [g]</b>	2,200	3,000	3,800
<b>Standard</b>	EN62752	EN62752	EN62752
<b>Permissible ambient conditions [°C]</b>	-25 to +45	-25 to +45	-25 to +45
<b>Impact rating</b>	IK08	IK08	IK08
<b>Crush resistance</b>	2.0 tonne	2.0 tonne	2.0 tonne
<b>Tested to 'x' number of insertions</b>	10,000	10,000	10,000
<b>Screen</b>	LCD	LCD	LCD
<b>Selectable Current [A]</b>	6-8-10	6-8-10	6-8-10
<b>Timer Delay (up to 8 hours)</b>	Yes	Yes	Yes
<b>Set capacity</b>	Yes	Yes	Yes
<b>Set Time</b>	No	No	No

