



Doncaster **Cables**

POWERWALL CONNECT

Designed and tested per Tesla guidelines to provide an easy solution for Powerwall installations.



The cable incorporates the power conductors, the 12V supply and the data cable(s) required to provide an all-in-one solution to Powerwall installations. Installed and approved by Tesla.

Power Conductors

Conductor: Plain Annealed Copper Class 2 Stranded to BS EN 60228

Insulation: Thermosetting XLPE Type GP8 to BS 7655-1.3

12V Supply

Conductor: Plain Annealed Copper Class 1 Solid to BS EN 60228

Insulation: Specially formulated PVC

Powerwall Communication Port Data Cables

Conductor: Annealed Copper Class 5 to BS EN 60228

Insulation: Specially formulated PVC

Core Colours: Yellow and Grey

Drain Wire: Tinned Copper

Screen: High coverage Tinned Copper 'Super Screen'

Sheath: Specially formulated PVC

Inner Protective Bedding

Material: Specially developed 'CarbonTek®' Material

Outer Jacket

Material: Specially developed CarbonTek® Sheathing Compound Impact resistant / Abrasion Resistant / Temperature Resistant / UV Stable

Current Ratings: For current ratings refer to table 4E2A (for unarmoured) and table 4E4A (for armoured) of BS7671 IET wiring regulations

The British Cable Company You Can Trust



Sales Office: Millfield Industrial Estate, Arksey Lane, Bentley, Doncaster, South Yorkshire, DN5 0SJ

Tel: 01302 821700 Email: sales@doncastercables.com



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Dimensional Details:

Product Code	Number and nominal CSA of conductors	Nominal stranding of conductor	Nominal radial thickness of insulation	Nominal overall diameter of bedding	Galv. Steel Wire Armour	Nominal radial thickness of sheath	Approx. overall diameter	Approx. weight
POWERWALLCONNECT6.0	3 x 6.0mm ² + DATA + DATA + 12V	7/1.04mm	0.7mm	15.2mm	N/A	1.0mm	18.6mm	530kg/km
POWERWALLCONNECT6.0SWA	3 x 6.0mm ² + DATA + DATA + 12V	7/1.04mm	0.7mm	15.2mm	0.9mm	1.0mm	21.0mm	820kg/km
POWERWALLCONNECT716	3 x 16.0mm ² + DATA + 12V	7/1.70mm	0.7mm	18.4mm	N/A	1.0mm	20.7mm	865kg/km
POWERWALLCONNECT716SWA	3 x 16.0mm ² + DATA + 12V	7/1.70mm	0.7mm	18.4mm	1.21mm	1.0mm	23.1mm	1400kg/km

Weight and dimensional information is provided as an approximate guide only



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