



## OUTDOOR BESS DC FEEDER CABLE

IEC 60502-1

24 orderable sizes

<b>STANDARD</b> IEC 60502-1	<b>VOLTAGE CLASS</b> 1500 V DC	<b>CONDUCTOR</b> Copper or aluminium conductor
<b>INSULATION / JACKET</b> Water blocked MDPE or UV resistant PE sheath		

### Construction

- 1** **Conductor** – Flexible copper conductor · 1525 × Ø0.5 mm · IEC 60228 cl.5
- 2** **Insulation** – XLPE DC insulation

### Size selection — all available cross-sections

Cable reference	System position	Voltage class	Current guide	Conductor size	Polarity / ID	Environment
Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 70 mm <sup>2</sup> Red positive	Outdoor DC feeder	1500 V DC	434 A layout-dependent	70 mm <sup>2</sup>	Red positive	Outdoor, UV, moisture and direct-burial route duty
Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 95 mm <sup>2</sup> Red positive	Outdoor DC feeder	1500 V DC	589 A layout-dependent	95 mm <sup>2</sup>	Red positive	Outdoor, UV, moisture and direct-burial route duty
Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 120 mm <sup>2</sup> Red positive	Outdoor DC feeder	1500 V DC	744 A layout-dependent	120 mm <sup>2</sup>	Red positive	Outdoor, UV, moisture and direct-burial route duty
Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 150 mm <sup>2</sup> Red positive	Outdoor DC feeder	1500 V DC	930 A layout-dependent	150 mm <sup>2</sup>	Red positive	Outdoor, UV, moisture and direct-burial route duty
Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 185 mm <sup>2</sup> Red positive	Outdoor DC feeder	1500 V DC	1147 A layout-dependent	185 mm <sup>2</sup>	Red positive	Outdoor, UV, moisture and direct-burial route duty
Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 240 mm <sup>2</sup> Red positive	Outdoor DC feeder	1500 V DC	1488 A layout-dependent	240 mm <sup>2</sup>	Red positive	Outdoor, UV, moisture and

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						direct-burial route duty
<b>Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 300 mm<sup>2</sup> Red positive</b>	Outdoor DC feeder	1500 V DC	1860 A layout-dependent	300 mm <sup>2</sup>	Red positive	Outdoor, UV, moisture and direct-burial route duty
<b>Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 400 mm<sup>2</sup> Red positive</b>	Outdoor DC feeder	1500 V DC	2480 A layout-dependent	400 mm <sup>2</sup>	Red positive	Outdoor, UV, moisture and direct-burial route duty
<b>Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 70 mm<sup>2</sup> Black negative</b>	Outdoor DC feeder	1500 V DC	434 A layout-dependent	70 mm <sup>2</sup>	Black negative	Outdoor, UV, moisture and direct-burial route duty
<b>Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 95 mm<sup>2</sup> Black negative</b>	Outdoor DC feeder	1500 V DC	589 A layout-dependent	95 mm <sup>2</sup>	Black negative	Outdoor, UV, moisture and direct-burial route duty
<b>Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 120 mm<sup>2</sup> Black negative</b>	Outdoor DC feeder	1500 V DC	744 A layout-dependent	120 mm <sup>2</sup>	Black negative	Outdoor, UV, moisture and direct-burial route duty
<b>Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 150 mm<sup>2</sup> Black negative</b>	Outdoor DC feeder	1500 V DC	930 A layout-dependent	150 mm <sup>2</sup>	Black negative	Outdoor, UV, moisture and direct-burial route duty
<b>Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 185 mm<sup>2</sup> Black negative</b>	Outdoor DC feeder	1500 V DC	1147 A layout-dependent	185 mm <sup>2</sup>	Black negative	Outdoor, UV, moisture and direct-burial route duty
<b>Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 240 mm<sup>2</sup> Black negative</b>	Outdoor DC feeder	1500 V DC	1488 A layout-dependent	240 mm <sup>2</sup>	Black negative	Outdoor, UV, moisture and direct-burial route duty
<b>Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 300 mm<sup>2</sup> Black negative</b>	Outdoor DC feeder	1500 V DC	1860 A layout-dependent	300 mm <sup>2</sup>	Black negative	Outdoor, UV, moisture and direct-burial route duty
<b>Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 400 mm<sup>2</sup> Black negative</b>	Outdoor DC feeder	1500 V DC	2480 A layout-dependent	400 mm <sup>2</sup>	Black negative	Outdoor, UV, moisture and direct-burial route duty
<b>Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 70 mm<sup>2</sup> Orange HV DC</b>	Outdoor DC feeder	1500 V DC	434 A layout-dependent	70 mm <sup>2</sup>	Orange HV DC	Outdoor, UV, moisture and direct-burial route duty

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Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 95 mm <sup>2</sup> Orange HV DC	Outdoor DC feeder	1500 V DC	589 A layout-dependent	95 mm <sup>2</sup>	Orange HV DC	Outdoor, UV, moisture and direct-burial route duty
Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 120 mm <sup>2</sup> Orange HV DC	Outdoor DC feeder	1500 V DC	744 A layout-dependent	120 mm <sup>2</sup>	Orange HV DC	Outdoor, UV, moisture and direct-burial route duty
Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 150 mm <sup>2</sup> Orange HV DC	Outdoor DC feeder	1500 V DC	930 A layout-dependent	150 mm <sup>2</sup>	Orange HV DC	Outdoor, UV, moisture and direct-burial route duty
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Outdoor BESS MDPE DC Feeder 1500 V DC 1 core 240 mm <sup>2</sup> Orange HV DC	Outdoor DC feeder	1500 V DC	1488 A layout-dependent	240 mm <sup>2</sup>	Orange HV DC	Outdoor, UV, moisture and direct-burial route duty
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