



### BATTERY RACK DC CABLE

IEC 60228

21 orderable sizes

STANDARD <b>IEC 60228</b>	VOLTAGE CLASS <b>1000 V DC / 1500 V DC</b>	CONDUCTOR <b>Class 5 flexible copper conductor</b>
INSULATION / JACKET <b>Flexible LSZH or TPE sheath</b>		

### Construction

- 1** **Conductor** – Flexible copper conductor · 276 × Ø0.4 mm · IEC 60228 cl.5
- 2** **Insulation** – XLPE, TPE or halogen-free insulation

### Size selection — all available cross-sections

Cable reference	System position	Voltage class	Current guide	Conductor size	Polarity / ID	Environment
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 16 mm<sup>2</sup> Red positive</b>	Battery rack	1000 V DC / 1500 V DC	99 A layout-dependent	16 mm <sup>2</sup>	Red positive	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 25 mm<sup>2</sup> Red positive</b>	Battery rack	1000 V DC / 1500 V DC	155 A layout-dependent	25 mm <sup>2</sup>	Red positive	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 35 mm<sup>2</sup> Red positive</b>	Battery rack	1000 V DC / 1500 V DC	217 A layout-dependent	35 mm <sup>2</sup>	Red positive	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 50 mm<sup>2</sup> Red positive</b>	Battery rack	1000 V DC / 1500 V DC	310 A layout-dependent	50 mm <sup>2</sup>	Red positive	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 70 mm<sup>2</sup> Red positive</b>	Battery rack	1000 V DC / 1500 V DC	434 A layout-dependent	70 mm <sup>2</sup>	Red positive	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 95 mm<sup>2</sup> Red positive</b>	Battery rack	1000 V DC / 1500 V DC	589 A layout-dependent	95 mm <sup>2</sup>	Red positive	Cabinet routing, flexibility and flame retardant duty

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<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 120 mm<sup>2</sup> Red positive</b>	Battery rack	1000 V DC / 1500 V DC	744 A layout-dependent	120 mm <sup>2</sup>	Red positive	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 16 mm<sup>2</sup> Black negative</b>	Battery rack	1000 V DC / 1500 V DC	99 A layout-dependent	16 mm <sup>2</sup>	Black negative	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 25 mm<sup>2</sup> Black negative</b>	Battery rack	1000 V DC / 1500 V DC	155 A layout-dependent	25 mm <sup>2</sup>	Black negative	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 35 mm<sup>2</sup> Black negative</b>	Battery rack	1000 V DC / 1500 V DC	217 A layout-dependent	35 mm <sup>2</sup>	Black negative	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 50 mm<sup>2</sup> Black negative</b>	Battery rack	1000 V DC / 1500 V DC	310 A layout-dependent	50 mm <sup>2</sup>	Black negative	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 70 mm<sup>2</sup> Black negative</b>	Battery rack	1000 V DC / 1500 V DC	434 A layout-dependent	70 mm <sup>2</sup>	Black negative	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 95 mm<sup>2</sup> Black negative</b>	Battery rack	1000 V DC / 1500 V DC	589 A layout-dependent	95 mm <sup>2</sup>	Black negative	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 120 mm<sup>2</sup> Black negative</b>	Battery rack	1000 V DC / 1500 V DC	744 A layout-dependent	120 mm <sup>2</sup>	Black negative	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 16 mm<sup>2</sup> Orange HV DC</b>	Battery rack	1000 V DC / 1500 V DC	99 A layout-dependent	16 mm <sup>2</sup>	Orange HV DC	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 25 mm<sup>2</sup> Orange HV DC</b>	Battery rack	1000 V DC / 1500 V DC	155 A layout-dependent	25 mm <sup>2</sup>	Orange HV DC	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 35 mm<sup>2</sup> Orange HV DC</b>	Battery rack	1000 V DC / 1500 V DC	217 A layout-dependent	35 mm <sup>2</sup>	Orange HV DC	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 50 mm<sup>2</sup> Orange HV DC</b>	Battery rack	1000 V DC / 1500 V DC	310 A layout-dependent	50 mm <sup>2</sup>	Orange HV DC	Cabinet routing, flexibility and flame retardant duty

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<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 70 mm<sup>2</sup> Orange HV DC</b>	Battery rack	1000 V DC / 1500 V DC	434 A layout-dependent	70 mm <sup>2</sup>	Orange HV DC	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 95 mm<sup>2</sup> Orange HV DC</b>	Battery rack	1000 V DC / 1500 V DC	589 A layout-dependent	95 mm <sup>2</sup>	Orange HV DC	Cabinet routing, flexibility and flame retardant duty
<b>BESS Rack Flexible DC 1000 V DC / 1500 V DC 1 core 120 mm<sup>2</sup> Orange HV DC</b>	Battery rack	1000 V DC / 1500 V DC	744 A layout-dependent	120 mm <sup>2</sup>	Orange HV DC	Cabinet routing, flexibility and flame retardant duty

UE Cable · China — sales@uecable.com · uecable.com Confirm colour, printing, packing length, delivery country and test documents on enquiry.