



PCS INVERTER DC CABLE

IEC 60228

24 orderable sizes

STANDARD IEC 60228	VOLTAGE CLASS 1500 V DC	CONDUCTOR Flexible copper conductor
INSULATION / JACKET UV resistant LSZH or TPE sheath		

Construction

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

Size selection — all available cross-sections

Cable reference	System position	Voltage class	Current guide	Conductor size	Polarity / ID	Environment
BESS PCS Inverter DC 1500 V DC 1 core 50 mm² Red positive	PCS / inverter DC link	1500 V DC	310 A layout-dependent	50 mm ²	Red positive	High-current DC link, UV and cabinet-to-PCS routing
BESS PCS Inverter DC 1500 V DC 1 core 70 mm² Red positive	PCS / inverter DC link	1500 V DC	434 A layout-dependent	70 mm ²	Red positive	High-current DC link, UV and cabinet-to-PCS routing
BESS PCS Inverter DC 1500 V DC 1 core 95 mm² Red positive	PCS / inverter DC link	1500 V DC	589 A layout-dependent	95 mm ²	Red positive	High-current DC link, UV and cabinet-to-PCS routing
BESS PCS Inverter DC 1500 V DC 1 core 120 mm² Red positive	PCS / inverter DC link	1500 V DC	744 A layout-dependent	120 mm ²	Red positive	High-current DC link, UV and cabinet-to-PCS routing
BESS PCS Inverter DC 1500 V DC 1 core 150 mm² Red positive	PCS / inverter DC link	1500 V DC	930 A layout-dependent	150 mm ²	Red positive	High-current DC link, UV and cabinet-to-PCS routing
BESS PCS Inverter DC 1500 V DC 1 core 185 mm² Red positive	PCS / inverter DC link	1500 V DC	1147 A layout-dependent	185 mm ²	Red positive	High-current DC link, UV and cabinet-to-PCS routing

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BESS PCS Inverter DC 1500 V DC 1 core 240 mm² Red positive	PCS / inverter DC link	1500 V DC	1488 A layout-dependent	240 mm ²	Red positive	High-current DC link, UV and cabinet-to-PCS routing
BESS PCS Inverter DC 1500 V DC 1 core 300 mm² Red positive	PCS / inverter DC link	1500 V DC	1860 A layout-dependent	300 mm ²	Red positive	High-current DC link, UV and cabinet-to-PCS routing
BESS PCS Inverter DC 1500 V DC 1 core 50 mm² Black negative	PCS / inverter DC link	1500 V DC	310 A layout-dependent	50 mm ²	Black negative	High-current DC link, UV and cabinet-to-PCS routing
BESS PCS Inverter DC 1500 V DC 1 core 70 mm² Black negative	PCS / inverter DC link	1500 V DC	434 A layout-dependent	70 mm ²	Black negative	High-current DC link, UV and cabinet-to-PCS routing
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BESS PCS Inverter DC 1500 V DC 1 core 300 mm² Black negative	PCS / inverter DC link	1500 V DC	1860 A layout-dependent	300 mm ²	Black negative	High-current DC link, UV and cabinet-to-PCS routing
BESS PCS Inverter DC 1500 V DC 1 core 50 mm² Orange HV DC	PCS / inverter DC link	1500 V DC	310 A layout-dependent	50 mm ²	Orange HV DC	High-current DC link, UV and cabinet-to-PCS routing
BESS PCS Inverter DC 1500 V DC 1 core 70 mm² Orange HV DC	PCS / inverter DC link	1500 V DC	434 A layout-dependent	70 mm ²	Orange HV DC	High-current DC link, UV and cabinet-to-PCS routing

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