



## AMC BATT-WELD

### Application

Double Insulated Battery and Welding Cables (rated to 100V, often with a 100/100V or 100V DC rating) are heavy-duty, highly flexible cables designed for transporting high currents in demanding environments. The combination of Butyl Rubber high-grade insulation & sheath provides superior flexibility, heat resistance with flame retardancy to IEC60332, and durability against abrasion, oil, and chemicals.

### Environmental statement

AMC take every action possible to ensure we are a sustainable, and environmentally aware manufacturer. End of life care; ensure that all cable product is disposed of inline with relevant WEEE Regulations.

### Specification

Voltage	100v
Cores	Class 5 Conductor
Insulation & Sheath	Butyl Rubber
Operating Temperature	-20° to 85°C

### Standards (Compliance / Certification)

BS EN 60228:2005
IEC60332.1.2

Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Reel Sizes (Metres)
W16	513/0.20	16	9.7	175	Black†, Orange	100
W25	783/0.20	25	11.2	230	Black†, Orange	100
W35	1107/0.20	35	12.4	290	Black†, Orange	100
W50	1566/0.20	50	14.3	370	Black†, Orange	100
W70	2214/0.20	70	16.3	460	Black†, Orange	100

† Copper conductors on the black sheathed cables are **not** tinned.

### Typical Applications



RV & SOLAR POWER INSTALLATIONS



WELDING & REPAIR



BATTERY BANKS



AUXILLARY EQUIPMENT



BOOSTER/JUMPER CABLES



HAZARDOUS ENVIRONMENTS

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet the resistance values shown. Nominal current amperage ratings are provided as a guide only, and can vary depending on the application, condition and environmental factors. In if doubt, please consult a qualified electrician.