

## **Battery Doubler Cable**

The battery doubler cable, part number 40012, is designed to allow two Solidlights Lithium Ion batteries to be connected to one Solidlights light unit, effectively doubling the run time. The cable contains special protection circuitry which ensures that charge is drawn evenly from the batteries and prevents damage to them.

The cable is simple to use. Plug a battery into each of the male connectors, and plug the female end into a light. Switch the light on and power will be drawn from both batteries.

### **Hints and Tips**

The cable is designed for use with the 1303 (10 Watt) light unit. Using the cable with the 1103 (3 Watt) unit may not achieve a full doubling of run time.

If you are using only one battery, remove the battery doubler cable to maximise the run time.

It is not possible to charge the batteries through the battery doubler cable. Although no damage will result, the batteries will not charge. Disconnect the batteries from the doubler cable to charge them.

### **Typical Run Times**

Light unit: 1303 (10 watt)

Batteries: 10030 (7.2V 2.2Ah Lithium Ion)

Run time with one battery: full power 1 hour 20 minutes + 20 minutes reserve

Run time with two batteries and doubler cable: 2 hours 45 minutes + 30 minutes reserve

These run times assume fully charged batteries in good condition at 20°C.

### **Contact**

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