

**Product Datasheet:**

**April 2016**

**Higher Capacity Solo770 Battery Baton and Solo727 Charger**

The new Solo770 Battery Baton is a higher capacity version (3000mAh) of the Solo760 (2200mAh). It allows greater efficiency on site as it gives more tests per battery, for the same charge time as before but provided by the new Solo727 charger.

This Solo727 charger provides the same functionality as before – enabling fast charging of Battery Batons from both mains power and in-vehicle outlets.



**Products Affected**

Solo Battery Batons are used with the Detectortesters range of test equipment:

- Solo460 Cordless Heat Tester
- Testifire 1000 – Combined Smoke and Heat tester
- Testifire 2000 – Combined Smoke, Heat, and CO tester
- Scorpion 7000 and 8000 – Scorpion Controllers

All existing 2-baton kits that include the above products will be updated to include the higher-capacity batteries and chargers.

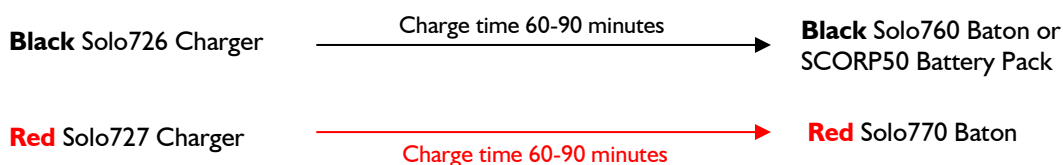
The older Solo760 batons and Solo726 charger will continue to work with Solo, Testifire, and Scorpion products, and do not need to be replaced unless they have reached the end of their useful life.

**Compatibility**

Each charger and battery combination is designed and certified to give a 60-90 minutes charge time i.e. Solo726 charges Solo760 batons, and Solo727 charges Solo770 batons.

To help match the battery to the charger, a red sleeve has been added to the Solo727 Charger (on the battery lead) which corresponds to a red collar on the top of the Solo770 battery baton.

The Solo726 charger and Solo760 battery baton continue to be all black.



Always ensure that the correct pairing of battery baton and charger is used. No damage will occur if they are mismatched. The Solo727 charger will not charge Solo760 batons.



## Technical specification

	<b>Solo770 Battery Baton</b>
<b>Cell Technology</b>	NiMH
<b>Capacity</b>	3000mAh / 7.2V
<b>Weight</b>	500g
<b>Dimensions</b>	28mm Dia x 490mm long
<b>Environment</b>	
<i>Operating Temperature</i>	5°C to 45°C / 41°F to 113°F
<i>Charge Temperature</i>	10°C to 35°C / 50°F to 95°F
<i>Discharge Temperature</i>	-10°C to 45°C / 14°F to 113°F
<i>Storage Temperature</i>	-10°C to 50°C / 14°F to 120°F
<i>Humidity</i>	0-90% RH non-condensing
<b>Charger</b>	Solo727
<b>Certifications and Approvals</b>	Certified by UL. CE marked.

	<b>Solo727 Charger (for Solo770 Battery Baton)</b>
<b>Input - Mains</b>	100-240V AC 50/60Hz, 0.6A
<b>Input - DC</b>	13.8V DC, 2.3A
<b>Output - Fast Charge</b>	8.4V DC 3A
<b>Output - Trickle Charge</b>	8.4V DC 160mA
<b>Fuse Rating (internal - not user-replaceable)</b>	T3.15A TH250V
<b>Weight</b>	294g (inc attached leads)
<b>Dimensions</b>	134 x 55 x 30mm (exc. Leads)
<b>Environment</b>	
<b>Charge Temperature</b>	10°C to 35°C / 50°F to 95°F
<b>Storage Temperature</b>	-10°C to 50°C / 14°F to 120°F
<b>Humidity</b>	0-90% RH non-condensing
<b>Indicators</b>	Red / Green Flashing - Testing Battery (approx. 5 minutes) Red - Fast Charging Green - Trickle Charging (ready for use) Red Flashing - Faulty Battery
<b>Battery</b>	Solo727 only charges Solo770 Battery Baton (restricted by design)
<b>Certifications and Approvals</b>	Certified to UL standards. CE marked.

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Assessed to ISO 9001:2008  
Certificate number 813

