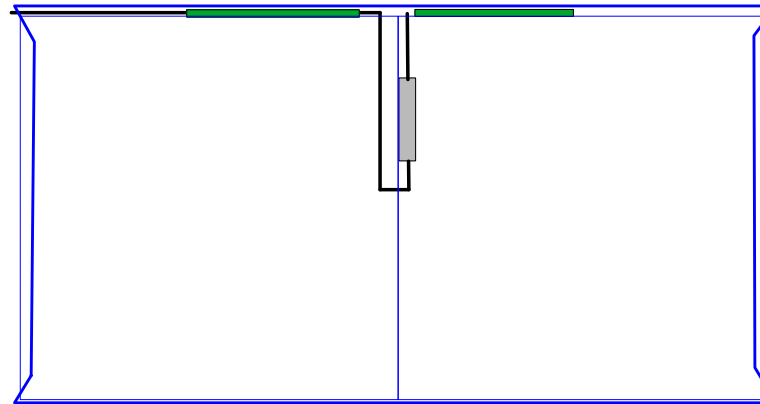
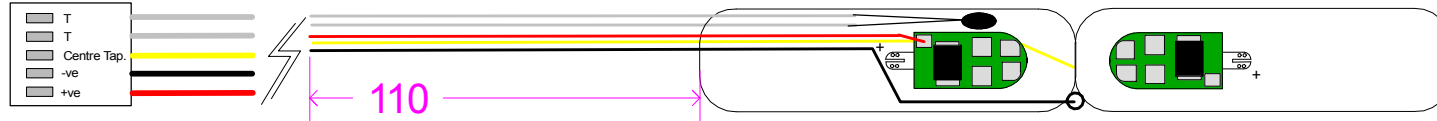


Connector (Hsg) Pt no: 4743659
 Crimp Pt no: 4899209

Build note:
 leads:
 White x2 24 AWG to NTC
 Yellow x1 24 AWG Centre Tap 3.6 V
 Red x1 18AWG +ve
 Black x1 18AWG -ve

Note:
 Check Voltage from Central Tap is 1/2 Output Voltage:
 PRODUCTION MANAGER TO CHECK
 ALWAYS USE TWO TEST METERS



Part List:
 Tag: TAG00010 x3
 thermal: THE00006 x1
 Temp: THE00031 x1
 Wire: WIR00001 x1@100mm
 WIR00006 x1@150mm
 WIR00007 x1@250mm
 WIR00010 x1@250mm
 WIR00028 x2@160mm
 Insulator: END00042 x2
 Tape: TAP00006 x1@100mm
 Connector: CON00126 x1
 Crimp: CRI00055 x5
 Sleeve: SLE00017 x2@80mm
 SLE00071 x1@130mm
 SLE00011 x2@20mm
 Label: LAL00011 x1
 LAL00014 x1

General:
 Weight: Approx 320 g
 Cell: MP176065 x2
 PCM: GP16453 x2
 Configuration: 2S1P
 Connector:
 Crimp:
 Wire: UL1007 18 20 AWG
 Sleeving: Black
 (Double sleeve pack)

Electrical Specification:
 Rated Capacity: 6.8 Ah
 Nominal Voltage: 7.5 V
 Max Charge Voltage: 8.4 V
 Max Charge Current: .0 A
 (5.0 A recommended)
 Max Continuous Discharge: 5.0 A
 Overdischarge: 2.3 V per cell

Ambient Conditions:
 Temperature Range:
 - Charge -20°C to +60°C
 - Discharge -50°C to +60°C
 - Storage -20°C to +30°C
 Humidity
 - 65 +/- 20 % RH

ENIX ENERGIES
 Li Ion Battery Pack
 Part No: 292219
 Nominal Voltage: 7.5 V Charge Voltage 8.4 V
 Nominal Capacity: 6.8 Ah Max Charge Current 5.0 A
 Nominal Energy: 51 Wh Assembled: MM/YY

Safety Advice for lithium ion batteries
 Do not crush. Do not heat or incinerate. Do not short-circuit. Do not dismantle. Do not immerse in any liquid. The cells inside may vent or rupture. Observe charging instructions. Charge -20°C < T < 60°C. Discharge -50°C < T < 60°C. Store below 50% charge and avoid high Temperature.

Approved by SH / LC	CUSTOMER: GENERAL DIAGNOSTIC				Date drawn 02/12/10	Issue 3	 Enix Energies Unit 20 Monkspath Business Park Highlands Road Solihull, West Midlands B90 4NZ, United Kingdom Tel: 0845 602 5562 Fax: 0845 602 5575 e-mail: info.uk@enix-energies.com	A4
Date 22/01/07		Redrawn nd Part list added Simon 3 02/12/10			Drawing Title 2S1P MP176065 7.5 V 6.8 Ah Lthium-Ion Battery Pack			
Drawn by S.Shergold	DIMENSIONS: mm (all dimensions approx. unless toleranced) © Allbatteries UK Ltd. This drawing and battery design are the intellectual property of Allbatteries UK Ltd. and must not be copied or used without prior written permission of the company.	Thermistor part no added. 2 01.07	Outer Sleeve & Ident label added 1	CHANGE	ISS	DATE	3rd ANGLE PROJECTION	Sheet Size