



Competition Electronic Ignition Systems Specialists

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Charging instructions for 8v Battery Pack *Sport Units*"

1/ First charge period to be : 10 to 12 hours from 12v car battery, or with optional 220v/240v Interspan regulated mains charger (highly recommended).

2/ From then on, charge your **Interspan** unit for 10 to 12 hours, 1 or 2 days before each race meeting.

3/ If your unit is accidentally discharged (ie left switched on for 48 hours or more) the red light will be very dim or unlit. Switch unit off and put on charge for **10 to 12** hours.

4/ **IMPORTANT NOTES** : Your unit cannot be easily overcharged, but it is good practise **not to exceed the 12 hours maximum** charge period.

Do not charge the unit in an unventilated high temperature environment. Preferably at normal room temperature between 18 and 30 degrees Centigrade.

Do not charge from 12v car battery on vehicle with motor running (or driving), as this can overcharge and overheat your unit. **A special charging lead is available for this purpose if you wish to charge in this way.**

5/ Motocross code units, will run for **7 to 8 hours** at an average of 4.500 rpm.

Speedway code units, will run for **50 to 60 minutes** at an average of 12.000rpm.

Longtrack code units, will run for **40 to 45 minutes** at an average of 12.000rpm.

Trails code units, will run for **14 to 18 hours** at an average of 2.500rpm.

Road Racing code units, will run for **3.5 to 4 hours** at an average of 9.000 rpm

Important Note : For all **Twin Cylinder** models the running time is **HALF** the above figures (except for I.O.M. Spec. Units)

6/ **Since 2011** all models are all fitted with *battery charge condition test points*. ***If you so wish you can check the state of charge in the following manner :***

The correct method to use this test point is to monitor battery voltage rise **while on charge**. In this way you will have an accurate readout of the state and progress of the charge. The unit is fully charged when the voltage reading reaches 8.44 to 8.55v. or more. Note : If voltage after 30 minutes of charge is less than 8.3v the unit will need an 8 to 10 hours charge. A suitable voltmeter is available from **Interspan** and is recommended. **In practise the unit is fully charged when warm.**

Please be advised that these instructions should be respected and that the company Interspan cannot be responsible for any obvious damage due to misuse.

If in any doubt, please contact us for any advice and guidance that you may require.

Interspan wishes you a successful seasons racing, using our 31 world championship winning Ignition Systems.