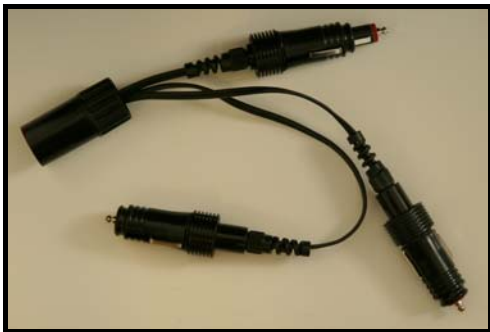


## Newsletter July 2004

Introducing the new **T-FLEX** system and the new **Portable Solar Manpacks**.



The T-FLEX Connector.

Picture shows the T\_FLEX-3

The T-FLEX system gives more **flexibility** in the configuration and use of multiple solar panels. Until now we have offered three sizes of panels; IDG T-20 (one panel), IDG T-40 (two panels) or IDG T-60 (three panels). These configurations are still available.

Now you can order single panels (IDG T-20) and connect two or three panels together according to the specific needs of the situation.

Example: An expedition has 3 IDG T-20 panels. In the base camp they use a laptop computer and an Inmarsat GAN terminal. To power this equipment they connect the 3 panels together to get a maximum output of 60 Watts. From the base camp they make trips by foot, carrying as low weight as possible. They can then bring just one panel to charge their Iridium phone and PDA. At the same time the 2 remaining panels are left in the base camp connected together in the 40 W configuration to charge other batteries.

Example of configuration:

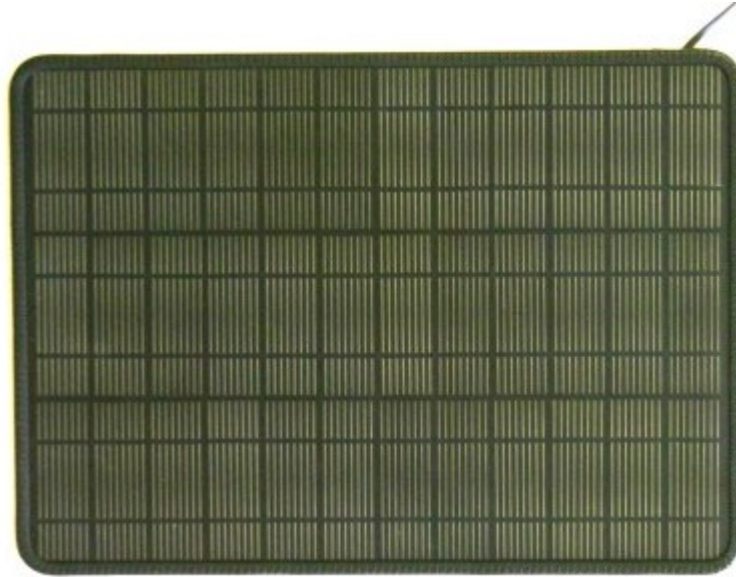
One IDG T-40 (2 panels, 40W and one single panel connected together with the T-FLEX-2 for 60 Wp output.



The T-FLEX connector is available as the T-FLEX-2 (for 2 panels, 40 W max output) or T-FLEX-3 (for 2 or 3 panels, 60 W max output).

## New Solar Panels

The new **Portable Solar Manpacks** now have a totally black front surface (the above picture shows the old version with some silver lines on the panel front) and has very low reflectance. Besides being an appealing design it is a feature that is requested by military users for easier concealment.



This change of design has been possible without affecting the efficiency and performance or price. One panel still gives 20W, 1.1Amp.