

# Introducing Solstar Foldable Solar Panels for BGAN

Version 1

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## Overview

By definition, users of Inmarsat BGAN terminals require a reliable portable power supply in remote areas. Solstar™ solar chargers are rigorously tested by Solstar's engineers for optimum performance with specified products, including BGAN terminals.

The solution is made up of the following:

- Lightweight, foldable solar chargers, providing portable power and charging capacity to BGAN terminals.

**TIP: To get the best performance it is recommended that you point the panels directly towards sunlight and not through windows, as these are often coated.**

## Key Features

Solstar Solar Panels offer the following main features for BGAN terminals:

- Unique SolarRad™ technology, to ensure the most advanced solar cells available.
- Power and charging capacity.
- Compact dimensions, for easy transportation in a backpack or carrying bag.
- Durable, weather resistant design, for use in a variety of environments.
- 1 year warranty.

## Benefits to BGAN users

Solstar offers you the following main benefits:

- Portability – the foldable solar panels fit in backpacks, pelican cases and carrying bags.
- Versatility – choose from a variety of panels for use in remote areas where conventional power is not available.
- Reliability – all panels are rigorously field tested by Solstar engineers for optimum performance.
- Durability – weather resistant and field tested for hot and cold environments.

## Technical Summary

Solstar solar panel feature sets are summarized below:

Device	Dimensions	Power Rating	Tested and Approved for
Solstar™ T-30 Foldable Solar Charger	Folded: 26.7 x 21.6 x 3 cm (10.5 x 8.5 x 1.2 in.).  Unfolded: 76.2 x 77.5 x 0.15 cm (30 x 30.5 x 0.06 in.)  Weight: 1.1 kg (2.4 lb).	Operating Voltage: 12-volts.  Operating Current: 1.5-amps.  Rated Power: 30-watts.  Max Power to Weight Ratio: 27.43 watt/kg (12.5 watt/lb).	Thrane & Thrane EXPLORER 100/110 and EXPLORER 500  Nera WorldPro 1000/1010).
Solstar™ T-55 Foldable Solar Charger	Folded: 27.9 x 22.9 x 3.3 cm (11 x 9 x 1.3 in.).  Unfolded: 140 x 81.3 x 0.25 cm (55 x 32 x 0.1 in.).  Weight: 1.7 kg (3.7 lb).	Operating Voltage: 16-volts.  Operating Current: 2.8-amps.  Rated Power: 55-watts.  Max Power to Weight Ratio: 32.4 watt/kg (14.9 watt/lb).	Hughes 9201.  Thrane & Thrane EXPLORER 100/110 and EXPLORER 700.  Nera WorldPro 1000/1010.  Some laptop computers (including ruggedized).

## Further details and support

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