

HARDWARE



SmartOne Solar

Choose Globalstar's SmartOne Solar when you need a best-in-breed device to monitor & track high-value assets such as boats, barges and containers, at the dock and off-shore.

The SmartOne Solar is the next generation of Globalstar's industry-acclaimed SmartOne product line. Powered by the sun, this device provides excellent remote monitoring and tracking capabilities.

Using NiMH rechargeable batteries, this device delivers up to 10 years of usable service, drastically reducing maintenance time and costs for labour and parts.

The simple to install device requires no harnesses, external power or external antennas.

The SmartOne Solar has unparalleled safety/device certifications such as ATEX, IECEx, IP69/69K, HERO certifications, and others.

KEY BENEFITS

- / Solar powered and maintenance-free, providing up to 10 years of service
- / Supplied ready for simple installation
- / Rugged & reliable, and engineered for extreme conditions
- / Compatible with Pole Star platform

SmartOne Solar TECHNICAL SPECIFICATIONS

Physical

Overall dimensions	8.26 (H) x 17.78 (W) x 2.86 (D) cm
Weight	385g 1150g with optional mounting bracket

Environmental

Operating temperature	-40 to +85°C Note: The unit shall remain operational over the -40 to 85°C range, though may experience battery life and RF signal degradation.
Environmental rating	IP69k

Position reporting

Automatic position reporting	Yes (choose 1/day, 6/day or 24/day)
On-demand position reporting	No

GPS

Type	Integrated
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Power

Power source	Built-in rechargeable NiMH batteries (non-replaceable)
Battery life	Solar-powered with up to 10 years battery life

Satellite

Satellite service	Globalstar Simplex Data Network
Coverage	

Certification / Compliance

Certifications	FCC, ISED, CE, AUS/NZ Pending: ANATEL, JQA (JAPAN), IFT, INDONESIA
Intrinsic Safety Certifications	ATEX/IECEX II 1 G, Ex ia IIC T4 Ga for international Zone 0 applications, HERO North America cETLus: Class I, Division 1, Groups A-D, T4; Class I, Zone 0, AEx ia IIC T4 Ga, WEEE Compliant,
Standards	GMPCS-MoU, IP68/69K, MIL-STD-810G for: Immersion; Impact resistance; Salt Fog; Acidic Atmosphere; Humidity; Vibration