EDGE® SOLAR

- Highly Mobile
- Reliable Coverage
- Low Latency

Iridium Edge Solar is a standalone and programmable, solar-powered Short Burst Data® (SBD®) device

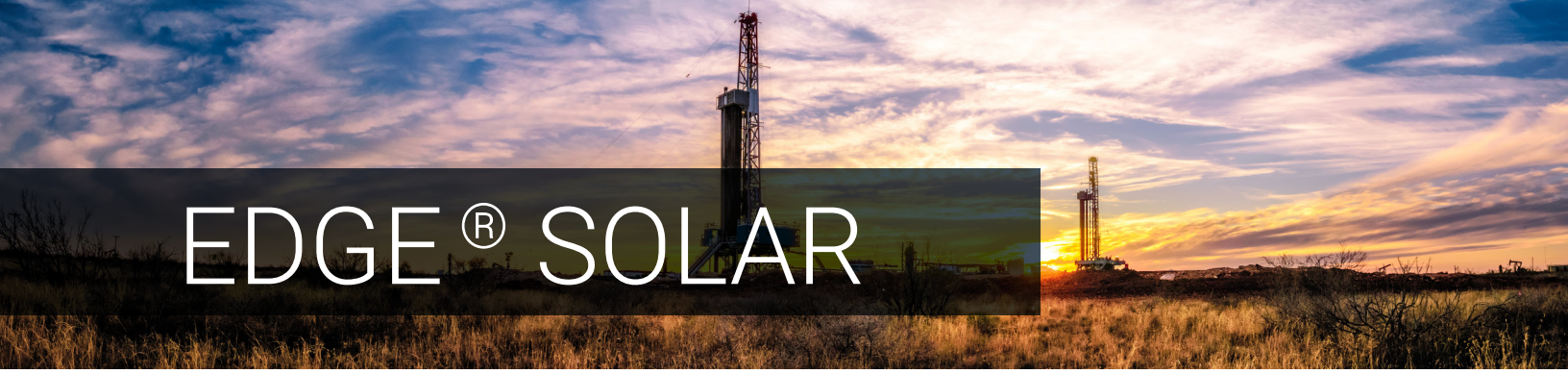
The Iridium Edge® Solar is a standalone and programmable, solar-powered Short Burst Data (SBD®) device that offers real-time GPS tracking and local wireless sensor and communication capabilities over Bluetooth. The product's self charging, low maintenance, long field life and over-the-air configuration allow Iridium Value-Added Resellers to create distinct tracking applications that can also be implemented to create even more complex solutions.

Features

- Bluetooth capability for wireless sensor integration and local device connectivity
- Over-the-Air Configuration Changes
- Interval and Scheduled Reporting Modes
- Start/Stop Reporting/In Motion Reporting
- Fully Encapsulated, No External Connectors, Water Ingress Protected
- Accelerometer and Magnetometer
- LED Status Indicator

Power Management

- Photovoltaic Solar Cells, Rechargeable and Primary Batteries
- Smart Power Management System
- Up to 3-year Shelf Life
- Up to 10-Year Operational Service Life
- Back-up battery capacity provides 2x per day reporting for
- up to 5 years with no solar availability



EDGE® SOLAR

TECHNICAL SPECIFICATIONS

MECHANICAL SPECIFICATIONS

Dimensions	164.2 mm x 71.2 mm x 32.9 mm (L x W x H)
Weight	~470 g

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40°C to 85°C
High Temperature Resistance	MIL-STD-810G:501.5, IEC60068-2-2 to 85°C
Low Temperature Resistance	MIL-STD-810G:502.5, IEC60068-2-1 to -50°C
Recommended Storage Temp.	Store below 32°C for \ best results
Combined Thermal and Humidity Exposure	MIL-STD-810G:507.5, 20-95%RH up to 60°C
Solar Radiation Exposure	UL746C F1, ASTM-G154 to 1.0 yr
Salt Fog Exposure	MIL-STD-810G:509.5 IEC60068-2-11 to 1000 hr
Combined Operational Temperature and Altitude	MIL-STD-810G:500.6 to 15000 ft
Thermal Shock	MIL-STD-810G:503.5, 20 cycles between -40°C to 85°C < 1min transition
Impact Resistance	ASTM D3763
Operational Vibration	MIL-STD-810G:514.7, IEC60068-2-80 to 7.5Grms Random (5Hz-2000Hz)
HALT	Qualmark HALT testing guideline 993-0336, Rev 4 to 50Grms (5Hz–10000Hz, -40°C to 85°C)
Mechanical Shock	MIL-STD-810G:516.7 to 300Gpk
Reliability	IPC9592a
Ingress Protection	IP68

HEAD OFFICE

MetOcean Telematics
21 Thornhill Drive
Dartmouth, Nova Scotia
Canada B3B 1R9
sales@metocean.com

+1 902 468 2505

UNITED STATES

MetOcean Telematics
1750 Tysons Blvd
Suite 1500, Office 1547
McLean, VA 22102
sales@metocean.com

+1 844 728 2868

UNITED KINGDOM

MetOcean Telematics
Hilldale Farm
Titchfield Lane,
Wickham, UK PO17 5NZ
sales@metocean.com

+44 1489 888 555

CANADA

MetOcean Telematics
2 Gurdwara Rd Suite 608
Ottawa, Ontario
Canada K2E 1A2
sales@metocean.com

+1 613 702 3196