



Enabling Global  
Connectivity

# PRODUCT SPECIFICATION

## AST Every Explorer 323

Instant connectivity on-the-move.

**The AST EVERY Explorer 323 Dual Mode Peli Case Solution uses the Inmarsat BGAN service and is Smart SIM ready enabling critical global communication.**

This Dual Mode (LTE and Satellite) solution enables global communications coverage regardless of the landscape, the weather conditions and the availability of power.



### Instant Connectivity

This battery powered portable solution identifies the best wireless connection both LTE and Satellite for essential communication.

### Inmarsat BGAN

The Inmarsat network delivers at least:

- IP data sessions up to 200 kbps shared data rate
- Streaming up to 32 kbps

### Cobham Explorer 323

The EXPLORER 323 is an ultra compact BGAN terminal for voice and data communication on-the-move.

### GSM-enabled\*

Global SIMs working within 600 GSM-operators in 120 countries so that no sim card change is needed as you change location or country.

### Critical communication

It is always looking for the best wireless connection available (LTE and Satellite) for essential communications; EVERY-where you are.

### Portable

The AST Every Explorer 323 is fully operational and IP-54 protected when the lid is closed.

### Multiple Power Options

- External power, 12V DC and 90 to 264V AC
- Detachable batteries (2 x 98 Wh which can be carried in commercial airplanes)
- Hot-swap function, swaps the batteries without interruption for endless off grid operation
- Battery Protect (disconnects the battery before it has insufficient power left to crank the engine, using a cigarette lighter cable)

## Specification

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<b>Dimensions:</b>	45.4 cm x 32.4 cm x 17.1 cm
<b>Weight:</b>	11.4 kg
<b>Communication:</b>	<b>AirLink® LX60</b> up to 150 Mbps (down) up to 50 Mbps (up) <b>Cobham Explorer 323</b> <b>Voice</b> 4 kbps AMBE+2 Premium voice 64 kbps (@elevation>45°) Standard IP Up to 200 kbps Streaming IP 16, 32 kbps SMS 160 characters

### Environmental Conditions

**Dust and Water**  
IP-54 protection class

**Temperature**  
-25 Degrees Celsius to +55 Degrees Celsius operating  
-13 Degrees Fahrenheit to +131 Degrees Fahrenheit operating

### Interfaces

Dual Band 802.11ac Wi-Fi hotspot  
1 x External Ethernet Port (RJ-45)

### Power

**External Power Supply**  
Input Voltage: 90-264V AC  
Output Voltage: 16.8V DC (84W)

**Vehicle**  
Input Voltage 12V DC

**Battery**  
2 x Detachable Batteries (98Wh)

### Features

- Commercial and Enterprise LTE\* Network
- Fully licensed for North America, EMEA, Australia and New Zealand are available.
- Omni directional satellite antenna (no pointing required)
- Victron Energy Smart Battery Protect

\*GSM sim cards not included

