

## PRODUCT FACT SHEET

### AT1340

#### Overview

The AT1340 is an addition to the MiX Telematics hardware portfolio. The AT1340 is an ideal solution for managing trailers that are normally tethered to 12/24 volts system but may sit idle for extended periods of time.



#### Features

The AT1340 trailer tracking unit is a GSM/GPRS device comprising an accelerometer and GPS technology with an integral 3.8 Amp-hour rechargeable battery. The AT1340 connects directly to the power of the truck, which makes installations simple and allows fleet managers access to the data available using the MiX Telematics software.

#### General Information

<b>General Information</b>	
<b>Communication</b>	Packet data (GPRS) and SMS based messaging
	Internal GSM
	Over-the-air firmware downloads
	Automatic, over-the-air unit configuration on power-up
<b>Location</b>	2000 buffered messages for data logging during coverage loss
	High sensitivity GPS (-160 dBm tracking)
<b>Events</b>	Internal GPS antenna
	3-axis accelerometer for motion
<b>Power</b>	Low power modes
	Voltage monitoring
	Internal 3.8 Amp backup battery
<b>Enclosure</b>	IP66 sealed enclosure

#### Technical Specifications

TECHNICAL SPECIFICATIONS	
<b>Communication modes</b>	GPRS packet data and SMS via SIM
<b>Location technology</b>	50 Channel GPS
<b>Operating voltage</b>	6-32 VDC
Location Specifications	
<b>Location technology</b>	50 Channel GPS (with SBAS: WAAS, EGNOS, MSAS, GAGAN)
<b>Location accuracy</b>	2.0 meter CEP (with SBAS)
<b>Tracking sensitivity</b>	-160dBm

<b>Acquisition sensitivity</b>	-147dBm
<b>AGPS capable</b>	Yes
<b>Battery Pack Specifications</b>	
<b>Battery capacity</b>	3.8 Amp Hour
<b>Battery operating voltage</b>	3.6 Volts
<b>Battery technology</b>	Lithium Ion
<b>GSM Specifications</b>	
<b>Data support</b>	SMS, GPRS (UDP)
<b>Cellular/PCS</b>	FCC – Parts 22,24;PTCRB
<b>GPRS</b>	Up to class 10
<b>Quad-band</b>	850/900/1800/1900 MHz
<b>Output power</b>	850 (Class 4) 2W 900 (Class 4) 2W 1800 (Class 1) 1W 1900 (Class 1) 1W
<b>Inputs</b>	
<b>Digital Inputs</b>	2 fixed bias
<b>Electrical Specifications</b>	
<b>Operating voltage</b>	6-32 VDC
<b>Power consumption</b>	< 1 mA @ 12V (Deep Sleep) < 10 mA @ 12V (Sleep on Network) < 70 mA @ 12V (Acve Standby)
<b>Physical Specifications</b>	
<b>Dimensions</b>	4.3 x 3.2 x 1.6", (110 x 80 x 40 mm)
<b>Weight</b>	9.6 oz, (272 g)
<b>Environmental Specifications</b>	
<b>Operating temperature</b>	-30 degrees to +75 degrees C
<b>Storage temperature</b>	-40 degrees to + 85 degrees C
<b>Humidity</b>	95 %RH @ 50 degrees C
<b>Shock and vibration</b>	202G and 810F
<b>EMC/EMI</b>	SAR J1113;FCC-Part 15B
<b>Connectors, SIM Access</b>	
<b>SIM access</b>	Internal
<b>Mounting</b>	
<b>Screw mount</b>	
<b>Tie wrap</b>	