

The Solar Tracker You Never Charge



Solar-powered asset tracker



Waterproof compliant IP67



Remotely upgradeable firmware (OTA)



Extremely low power consumption



Network: LTE Cat. M1



Set It and Forget the Charger

The solar panel keeps the 5,200mAh lithium-ion battery topped up — with optional 7,800 and 10,200mAh packs for longer autonomy. You'll never have to worry about charging, battery life, or replacements.

More Than a Dot on the Map

Built-in temperature, humidity, and barometric pressure sensors plus a 3-axis accelerometer report the conditions around your cargo alongside its position.

Mounts Inside or Out

The compact IP67-rated housing and magnetic cradle make the ST4955 at home on containers, trailers, reefers, and heavy equipment — internal or external, no wiring required.

Connectivity That Reaches the Yard

LTE Cat M1 with GPS and GLONASS reception (plus WAAS/EGNOS/MSAS/AGPS assistance) keeps assets reporting reliably, with firmware updates delivered over the air.

Suntech ST4955 · ST4955C

The ST4955 is a versatile and robust LTE solar-powered asset tracker. Its small IP67 rated design and magnetic cradle make it perfect for both internal or external applications such as container/trailer monitoring, refrigerated logistics, and heavy equipment management or recovery. With the ST4955, you'll never have to worry about charging, battery life, or replacements.

Specification

Connectivity & GPS

Network	LTE Cat M1 / 4G: B2, B4, B5, B12, B13
Bluetooth®	Bluetooth 5.2
Power Class	Power Class 3 (23 dBm) for LTE category M1
Receiver Type	GPS or GLONASS — GPS L1 band (1575.42MHz); GLONASS L1 band (1601.71MHz); SBAS: WAAS, EGNOS, MSAS, AGPS
SIM Size	Micro-SIM 3FF

Power

Battery	3.6V, 5,200mAh lithium-ion (optional: 7,800mAh / 10,200mAh)
Power Supply	Solar panel charging input
Charging Range	Stops charging at < 45°C or ←5°C

Sensors & Indicators

Sensors	Temperature, humidity, barometric pressure
Motion Sensor	Built-in 3-axis accelerometer
LED Indicators	LTE network status, power
Connector	1-Wire® for temperature sensor

Physical & Environment

Dimensions	96(W) x 130(L) x 41.3(T) mm
Weight	300g
Water Resistance	IP67
Operating Temp	-20°C to +85°C
Certification	FCC, IC, PTCRB
Standard	GPS / 3-axis / 5,200mAh
Accessories	Magnetic cradle, wall charger, vehicle power cable (2m), magnetic power key

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