



# mecomomo

## Maintenance-Free Movement Tracking End-to-End-Visibility

mecSOLAR mini is ideal entry-level solution for tracking non-powered logistics objects. With its compact design, minimal space requirements and field-proven, maintenance-free movement tracking, it is capable of solving all object tracking challenges. MECOMO invented the solar telematics product category in 2008 - more than 120,000 units based on MECOMO design are actively in field use. mecSOLAR was specifically designed for towed logistics objects (e.g. swap bodies, sea containers, trailers, load carriers, freight cars, etc.). It is designed for flexibility, durability and robustness for all object modalities. mecSOLAR supports the latest mobile communication networks and represents the ideal entry into motion tracking. Optional sensors can monitor logistics-relevant conditions.



## mecSOLAR mini For Logistics Objects



4GCatM1 / Fallback 2G



Intelligent Charging



Cable- & Maintenance Free



Holder Options



OTA Configuration



Motion Sensor



-20C° to +60 C°



Easy & Quick Installation



IP67 Protected



Movement tracking 1 P/h



Mount-Sensor



Shock-Sensor



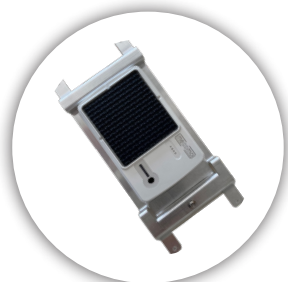
Inventory Messages

## Technical Details

Technical Property	mecSOLAR mini
Dimensions (LxWxH) mecSOLAR mini	approx. 143x69,3x24,8mm
Weight	225g
Solar panel	ETFE Solar Panel
Fixation	Magnet / Screw / Rivet
Motion Sensor	G-Sensor
Communication Protocols	TCP/IP, UDP, MQTT via GPRS class B (multi-slot 10 mit PDU SMS als Backup)
Frequencies/-bands	FDD: B1/B2/B3/B4/B5/B8/B12/B13/ B17/B18/B19/B20/B25/B28 TDD: B39 (Cat M1 only) EGPRS 850/900/1800/1900MHz

Technical Property	mecSOLAR mini
GPS Receiver	Supersense, Ephemeris-forecast, super fast GPS-fix
Data Storage	ca. 1.600 Events
Control lights / LED	Network, GNSS und Battery Level
Battery (rechargeable)	LiPo 4,8 Ah / 3,7V
Full function in temperature range	-20 °C to 60 °C
Sensors (Optional)	Light (2x) / shock / Temperature
Certificates	CE

## Anwendungsbereiche



**Robust  
Telematics Unit**



**Powerful  
Telematics Platform**



**Focus on Service &  
Support**



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