

Solar Powered BLE Smart Lock

SolarGuardX 120 is an advanced BLE padlock for high value asset

SolarGuardX 120

Solar-powered BLE padlock for high value asset



-  Solar Panel
-  Unlock by RFID, BLE, Master Lock
-  Built-in Strong Magnet
-  Waterproof IP67
-  Firmware Over the BLE APP
-  Motion Detection
-  Alarms for Locking, unlocking, rope cutting and cover removal
-  Indicator Lights and Buzzer
-  BLE 5.3 Long Range
-  RFID

 | 535g (18.9 oz)

 | 113.8mm*90mm*36.9mm
(4.48" x 3.54" x 1.45") (Without rope)

 | -40°C ~ 85°C
(-40°F ~ 185°F)

 | Rechargeable Li-Polymer 2500mAh/
3.7V

Certificates (planned):



*Please reach out to us if you need any certificates in particular

Fuel Tanker Monitoring



Container Monitoring



Fleet Management



SolarGuardx 120

Interfaces	
Charging Port	2 Pin 5V/DC
E-Lock Configuring Port	Type-C Connector
Indicator LED	Solar Charging Status, Battery, BLE, RFID
Power on Button	1
Temperature Sensor	1 Temperature Sensor
BLE 5.3 Long Range	Yes
General Specifications	
Waterproof	Waterproof
Dimensions	113.8mm*90mm*36.9mm (4.48" × 3.54" × 1.45")
Weight	535g (18.9 oz)
Battery	Rechargeable Li-Polymer 2500mAh/3.7V
Standby Time	Solar charging: Unlimited days
Charging	2 PIN (Recommend using 5V 3A adaptor, 3 hours charging)
Operating Temperature	-40°C~85°C (-40°F~185°F)
Transmission Range	Up to 1000m (3280 fts) (Open field, Power: 8 dBm (default), BLE 5.3 Long Range)
Mounting	Built-in Magnet
Alarms	Locking, Unlocking, Rope Cutting, Cover Removal
Industry Certifications (Planning)	
CE, RCM, IC, FCC, ATEX	