GRIDLOCK
SOLAR SECURITY

Gridlock Solar Security has developed a comprehensive line of products that are affordable, easy to install, and flexible while providing a strong deterrent to PV module theft. Our patent pending approach attaches each module to the security system in such a way that is virtually impossible to circumvent without alerting the authorities and damaging the modules. Our products are designed with a proprietary theft logic algorithm that is easy to install and difficult to defeat. The GridLock system has standard features that make it robust and virtually failsafe.

Protect your long-term solar investment with the installation of an inexpensive and easy to install GridLock theft deterrent system.

Standard Features

- Continuous 24/7 system monitoring deters potential theft
- Dual 150 watt halogen flood lamps illuminates area in event of theft attempt
- 115 dB audible alarm warns thieves and nearby personnel of attempted module theft
- AGM battery backup ensures continuous protection in the event of utility power loss
- Keyed enable/disable switch ensures only authorized personnel have system access
- Tamper proof interlock sensor protects panel from unauthorized tampering
- NEMA 3R outdoor rated enclosure
- Unique Digital Signature virtually eliminates potential bypass
- 3A dry contact relay for auxiliary equipment (additional lighting, cameras, video) and residential and commercial building alarm tie-in
- Integral part of the solar system and thus qualifies for rebates and tax credits.

Optional Features

- Cellular communications dialer for instant SMS text and voice alarm notification
- 12VDC power input option suitable for PV Power
- PV Power Source – includes PV module, charge controller, additional battery, mounting pole

GridLock Solar Security
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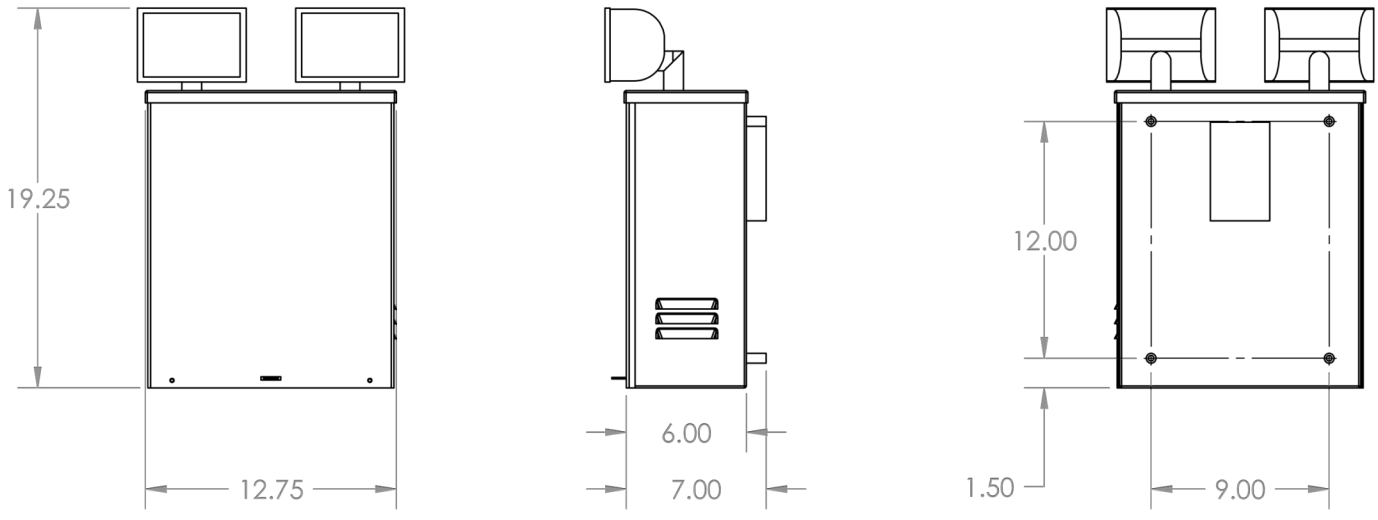
Electrical	
Voltage	120 VAC, +/- 10%
Current	
Alarm Condition	2.5 A
Standby	100 mA
Frequency	60 Hz
Battery	Sealed Lead Acid, AGM, 12V, 7.2Ah
Alarm Outputs	
Audible	115dB, 2500Hz
Illumination	2 x 150W T3 Halogen Flood, 5900 total lumens
Auxiliary Outputs	1 x Dry contact, 3A relay, 1xNC & 1xNO output
Communications*	GSM text messages sent immediately. First GSM voice message sent within ten seconds. Additional GSM voice messages dependant on recorded message length.
* With optional dialer module	
Environmental	
Operating Temperature	32-104F recommended
Humidity	0-95% non-condensing
Enclosure (Option 1)	NEMA 3R, ANSI-61 Grey
Cable Lengths	
Security Cable Loops	1000' maximum length, including home runs (500' out from device and 500' back to device) (Up to 10,000' per loop with GL500)
Master/Slave and Slave/Slave	1000' max length between units w/22AWG wire, 4000’ w/16 AWG wire
Physical	
Dimensions	
Unit Size	19.25" H x 12.13" W x 5.88" D
Ship Size	24" x 16" x 10"
Weight	
Unit weight	31 lbs
Ship weight	35 lbs



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