

**LOCKSOLAR™**

Rack-in-a-Box™

SECURE · UNIVERSAL · MOUNTING



[www.locksolar.com](http://www.locksolar.com)

# Rack-in-a-Box™

Rack-in-a-Box™ has been designed specifically to withstand harsh weather conditions and is constructed in our ISO 9001:2000 certified factory. Its durability is matched with a standard 12 year warranty and is compliant with the latest structural design requirements of most international standards.

Rack-in-a-Box™ has a number of unique features, setting it apart from its competitors and allowing it to cater for every type of installation no matter how complex. These unique features not only make this the most secure solar mounting system but also make it the most adaptable.

“Rack-in-a-Box’s™ unique features not only make it the most secure solar mounting system but also make it the most universal.”

The **Lock Solar Security Head Screw** is Australian engineered and each Rack-in-a-Box™ system is delivered with a Lock Solar Key to fit this vital piece of the system, providing security and peace of mind.

With **Adjustable Mid Clamps** as well as **Adjustable End Clamps**, Rack-in-a-Box™ suits all frames sizes so you'll never again have the problem of needing multiple size clamps for different installations.

The **Integrated Cable Management Rail** allows all cabling to be neatly placed out of eye view and our patented **Twist Lock Cable Tie** assists you to keep all cable tied together and attached securely to the rail.

Rack-in-a-Box™ offers all of these groundbreaking features as well as encompassing all components necessary for any installation and conveniently **Packaged Into Only 1 Box**.

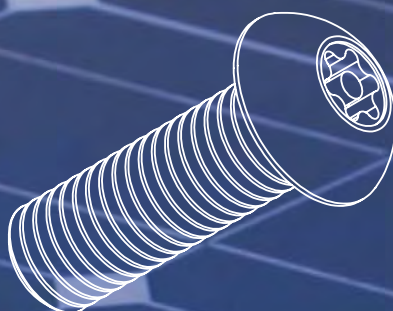
The Lock Solar, Rack-in-a-Box™ system offers a complete, easy to install, adaptable modular system which will suit all Solar PV installations. So choose Rack-in-a-Box™ for superior quality, reliability, security and peace of mind.



SPECIFICATIONS	
Mounting Site Compatibility:	Pitched or flat roof
Roofing Compatibility:	All claddings
Roof Slope:	Up to 60°
Module Orientation:	Landscape or portrait
Standards:	Various
Material:	6060-T6 Aluminium
Warranty:	12 years



←Adjustable End Clamp



←Security Head Screw



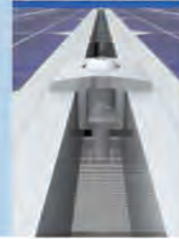
## Lock Solar Security Head Screw

The Lock Solar Security Head Screw has been included to provide an unequalled level of security to any Rack-in-a-Box™ installation. Due to the great value of all solar investments Lock Solar realised the need for this extra level of security.



## Adjustable Mid Clamp

Our uniquely designed fully adjustable mid clamp can accommodate PV panel thicknesses ranging from 31 to 55mm by the simple addition or removal of its concealed spacer.



## Adjustable End Clamp

The adjustable end clamp has been designed to easily accommodate all PV panel thicknesses (31 -55mm) with just the one clamp and locks the array in place with the Lock Solar Security Head Screw.



## Tile Bracket

Designed for tile roof applications, the tile hook mounts directly to roof rafters and is concealed between tiles to ensure water proofing is unaffected.



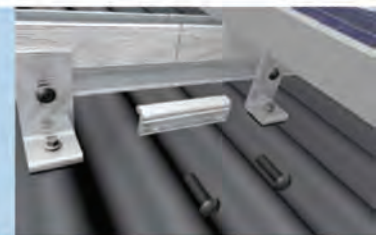
## L Tin Bracket

The L bracket mounts directly to tin roofs and its adaptable height adjustment allows a level PV array to be established, no matter how uneven the roof.



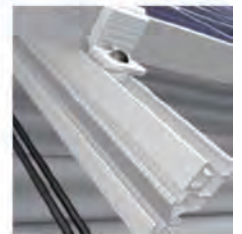
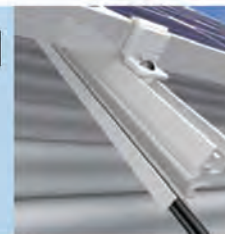
## Rail Joiner

Multiple rail installations are aligned and firmly locked together, extending the length of an array, using the Rack-in-a-Box™ Rail Joiner.



## Integrated Cable Management Rail

The high strength, low weight rail is extruded in corrosion resistant 6060-T6 Aluminium and includes an integrated cable management solution.



## Twist Lock Cable Tie

Additional cable lengths can be bundled and securely clipped to the rail using the Rack-in-a-Box™ Twist Lock Cable Ties for efficient cable management, protection and safety.



In addition to standard installations Rack-in-a-Box™ can be used in rural areas, on hill side and hill top sites and in cyclonic regions, by including additional roof brackets in the installation.



“Mounting solutions that offer flexibility and durability along with quick, easy, low cost installations.”

Lock Solar is an Australian owned and operated company which designs, manufactures and distributes Solar Mounting Systems for the global Solar PV market. Our mounting solutions are designed to meet the needs of any type of Solar installation including Residential, Corporate and Utility scale customers.

Lock Solar's product development involves a collaboration of installers, designers and system engineers who work with a variety of PV modules...this collaboration assists in communicating the need for mounting solutions that offer flexibility and durability along with quick, easy, low cost installations.

Lock Solar mounting systems meet the highest requirements with regard to technology, quality and reliability. Our systems are made of premium grade aluminium which guarantees durability and allows for complete recycling.

At Lock Solar we place importance on prompt delivery, simple handling and fast installations - our mounting systems are a by product of this philosophy.

Distributor



**LOCKSOLAR™**

[www.locksolar.com](http://www.locksolar.com)

e. [enquiries@locksolar.com](mailto:enquiries@locksolar.com)

t. +61 1300 199 233 f. +61 1300 779 882

PO BOX 8160 GCMC, 9726 QLD Australia