



### **Merkur Solaris 3D Inverter**

#### **Indoor Unit:**

- high density air filter offering healthy comfort
- easy installation
- 2way drainage
- fireproof electric box

#### **Outdoor Unit:**

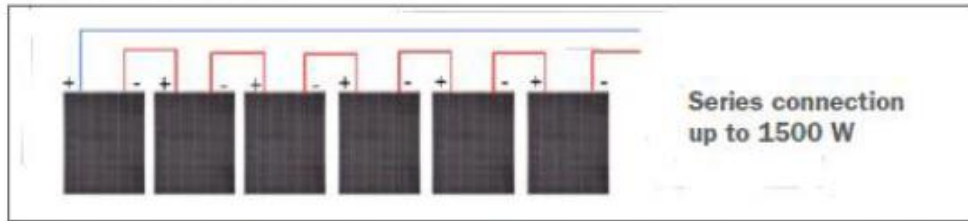
- reinforced housing structure
- easy installation
- easy maintenance
- improved low temperature performance
- low noise

#### **Main Features:**

- boosted inverter capacity
- solar controller integrated
- maximum solar panel power 1500W
- operates with 3-6 solar panels
- 12000 Btu cooling capacity

### Solaris series advantages:

#### Easy and economic installatation:



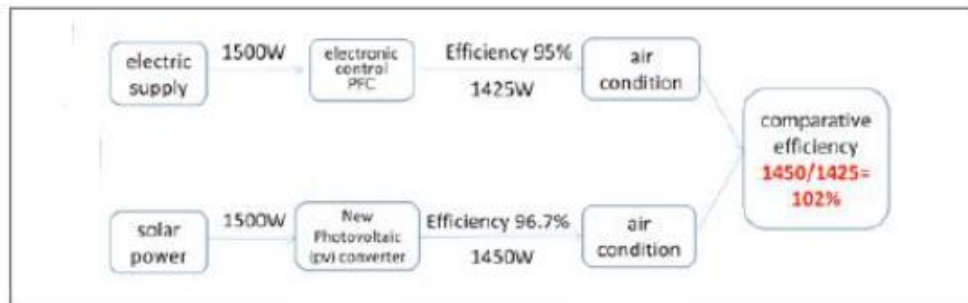
The Solaris AC system can connect upto 6 solar PV panels. The rated output power of the PV array may reach maximum 1500W!

The more solar power fed in, the less electric cost from the utility provider!



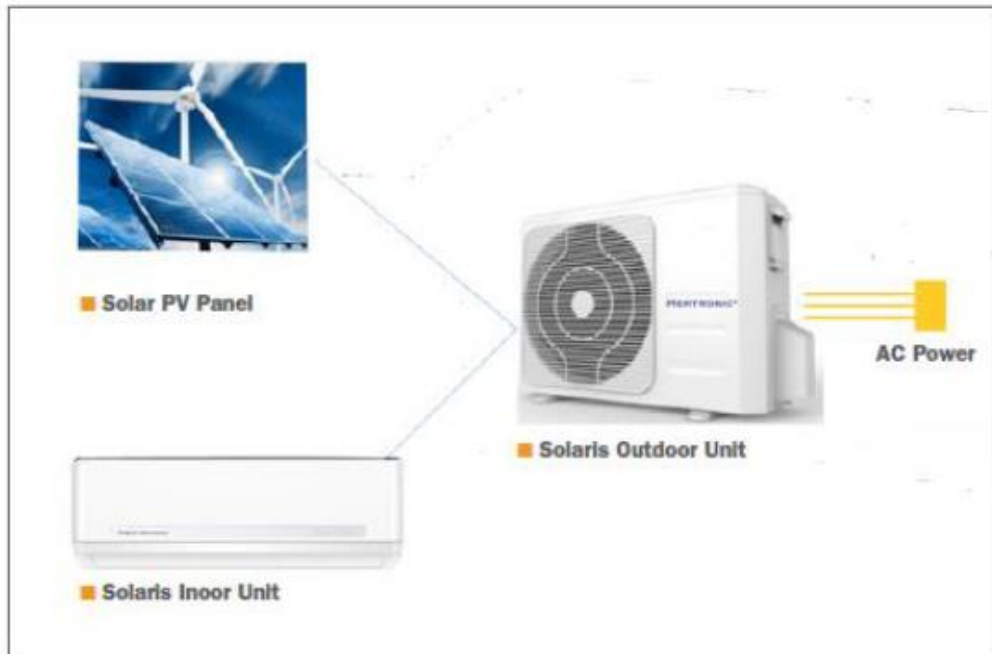
Solaris series solar air-cons have todays highest possible PV power feed-in capacity!

#### Best efficiency:

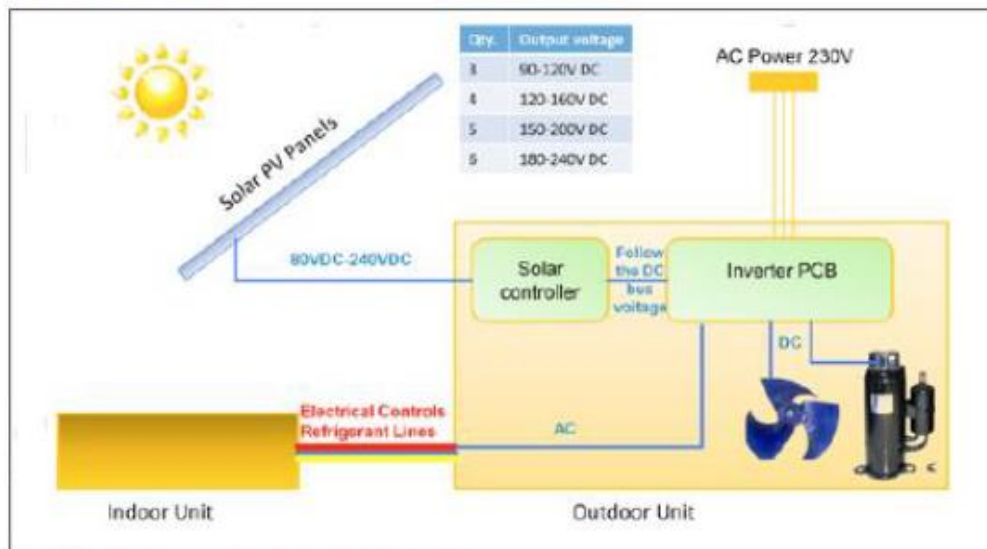


By adopting optimized circuit design and improved software , efficiency of the air-cons improves from 85% to 96.7% !

## Merkur Solaris Main Components



## System overview



The PCB controller automatically gives priority to solar power!