

## OUR SERVICES

- Provision of Solar Modules and Solar Power Systems
- Systems Solutions & Consultancy
- Systems Installation Services

## CONTACTS

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## Sonn-series PV Controller

The Sonn-series PV Controller is designed to receive the DC Energy produced from the Solar PV Modules and charges the batteries used in the Solar Power System.

A high efficiency DC-DC converter combined with MPPT technology allows the Sonn-series PV Controller to provide a cost effective solution for installations where the Solar PV Modules are located far from the batteries.

The Sonn-series PV Controller ensures that the system batteries are properly and fully charged, resulting in enhanced performance and less maintenance.

Sonn-series PV Controller has a broad range of power rating to select from. Besides its wide power range, each controller also incorporates safety features to ensure user safety and security. Data logging option can be made available to enable usage analysis and optimization.


Alternatively, external Amp-meters (to monitor current) and Volt-meters (to monitor voltages) can be implemented as monitoring devices for easy visual indications. The Sonn-series has a complement family of these devices as an additional option.



### Features

- Employs MPPT (maximum power point tracking) technology to yield high conversion efficiency
- Easy to operate and configure using front-panel LCD display
- Optional data logging enables usage analysis and optimization
- Optional monitoring devices available for easy visual indication

### Benefits

- Manufactured in an ISO9001:2000 certified facility insures product quality
-  and  approvals on product safety features and standards incorporated in design.
- Long service life with minimal maintenance requirement

# Product Information

## Specifications

### 450 – 1700 Wp

MODEL NUMBER	XT-24-10	XT-24-30	XT-24-50
<b>ELECTRICAL DATA</b>			
Max. DC Power (Wp)	450	900	1700
Rated DC Voltage (V)	24		
Nom. DC Current (A)	10	30	50
<b>MECHANICAL DATA</b>			
Length   Breadth   Height (cm)	20   15   10	20   15   10	20   20   15
Weight (kg)	4.0	5.7	7.2

### 3500 – 11000 Wp

MODEL NUMBER	XT-24-100	XT-24-130	XT-24-150
<b>ELECTRICAL DATA</b>			
Max. DC Power (Wp)	3500	8000	11000
Rated DC Voltage (V)	24		
Nom. DC Current (A)	100	130	150
<b>MECHANICAL DATA</b>			
Length   Breadth   Height (cm)	35   20   15	35   20   15	35   30   15
Weight (kg)	10.0	13.8	17.0

### A GREEN MESSAGE

Using renewable solar energy enables us to reduce the use of fossil fuels to generate energy. Fossil fuel energy generation pollutes our environment. You are empowered to help. Do your part. Be a responsible global citizen. **SAVE GAIA.**



*A typical installation with Solar PV Controller*



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