

Solar Power Plant

Features

Type-I - Stand Alone Power Plants

SPV Array Capacity	1-5 kW	10 kW	25 kW
Inverter-cum-charge controller	1-5 kVA	10 kVA	25 kVA
Battery Bank	As per requirement	120V, 600 AH	240V, 800 AH
Input Voltage	48V or 96 V or 120 V DC	120V DC	240V DC
Output Voltage	230V, 50 Hz, Single Phase AC	230V, 50 Hz, Single Phase AC	230V, 50 Hz, Three Phase AC

Type-II Grid Interactive Power Plants

SPV Array Capacity	25 kW	50 kW	100 kW
Power Conditioning Unit	25 kVA	50 kVA	100 kVA
Battery Bank	Not required	Not required	Not required
Input Voltage	48V or 96 V or 120 V DC	120V DC	240V DC
Output Voltage	230V, 50 Hz, Three Phase AC	230V, 50 Hz, Three Phase AC	230V, 50 Hz, Three Phase AC

Specifications

- Ideal for remote rural villages where the availability of conventional electricity is either not available or unreliable.
- Can provide power to any AC load.
- Compatible with conventional power supply.
- Maximum Power Point Tracking System for optimum use of power available.
- The Stand Alone Power Plants can be connected to the conventional grid in case of electrification of the village by conventional method.
- Option of charging through Grid/ Genset.
- Silent and non-polluting source of electricity.

