

Solar Rooftop Components

SAFETY EQUIPMENT

Safety features protect the solar PV system from being damaged or harming people in events, such as lightning, power surge or malfunctioning of equipment. The safety equipment consists of safety disconnect, grounding equipment, and surge protection.

SOLAR PV MODULES

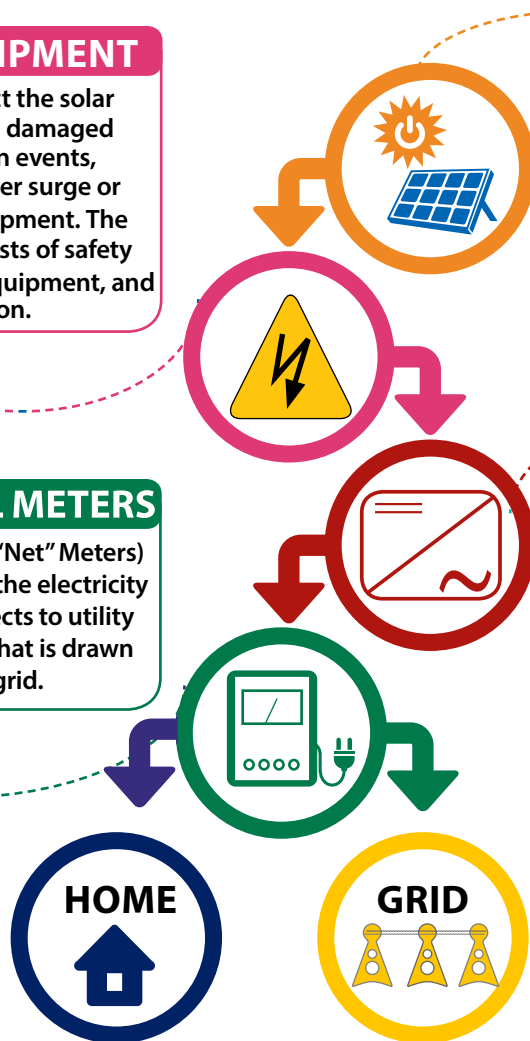
Solar PV Modules are in the form of flat, rectangular panels which convert sunlight directly into electricity. Multiple panels are connected together to form arrays as per the desired capacity of the system.

BI-DIRECTIONAL METERS

Bi-directional meters (or "Net" Meters) are used to keep track of the electricity that solar PV system injects to utility grid and the electricity that is drawn from the utility grid.

SOLAR INVERTER

Solar Inverters convert the DC electricity produced by the PV panels into AC electricity which can then be consumed by appliances within the premises or injected into the DISCOM grid.



Scan this QR Code for more info



I-SMART (Indian Solar Market Aggregation for Rooftops) is a demand aggregation platform aimed at reaching out to residential consumers and increasing their awareness for Solar Rooftop Technology. The program is promoted by GIZ and MNRE.

Contact Us : ismart2solar@gmail.com

Website : www.ismartsolar.in

Follow us on - Facebook: [ismartsolar](https://www.facebook.com/ismartsolar) | Twitter: [ismartindia](https://twitter.com/ismartindia)