Technology of Measurement...
defined

NET Meter for Roof top Solar Bi-Directional Solution

Application

- Import – export Electricity Measurement at interconnection points
- Suitable for both On-Grid & Off- grid interconnection points
- Net Electricity Measurement for Roof Top solar, Wind & Other Renewable Power generation sources

Benefits

- Single Metering unit for Bi-directional Energy Measurement
- Separate Energy Registration for import & export
- Net Energy calculation for Power credits
- Designed & Developed, as per IS 13779, IS 14697
- Accurate Energy Measurement CL-0.5, CL-1.0
- Open Communication Protocol - DLMS as per IS 15959

Highlights

- AMR compatible unit for local and remote communication
- Internal Battery Back up to Display Meter Data in power off event
- kWH, kVAh measurement for import & export mode
- History of energy consumption for Billing months
- TOD wise, Daily & block load survey for profile Data availability
- Self Diagnostic facility, Anti –Tamper/Event logging
- Data download through optical Port & RS 232 port
- Backlight LCD display
- Minimum 200 Tamper event data

* Features varies with respect to model selected

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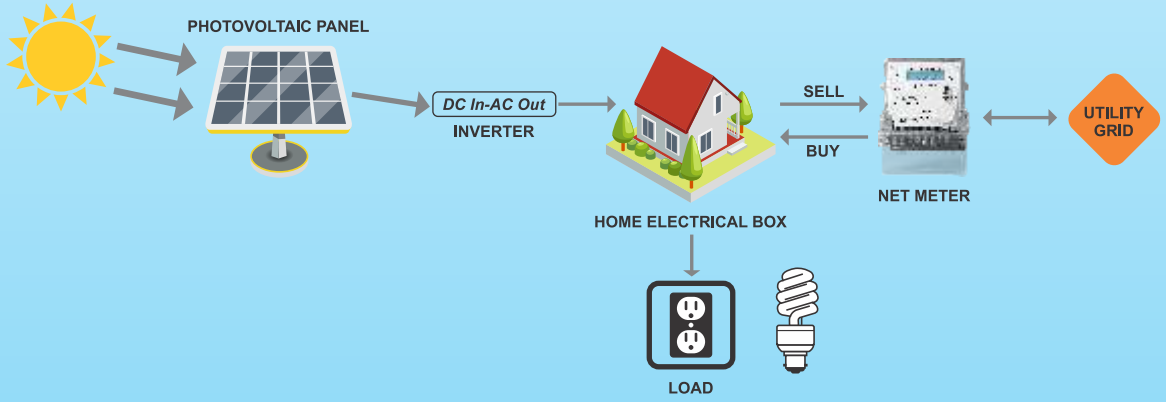
Technical Specification

Bi- directional ac Static Meter		
S.N.	**Items**	**Technical Specification**
Electrical		
01.	**System**	• Single phase (5-30A)
		• Single phase (10-60A)
		• Three phase (10-40A)
		• Three phase (10-60A)
		• Three phase LTCT -/5A
		• Three phase HTCT -/5A
02.	**Accuracy**	0.5 accuracy Class, as per IS 14697
		1.0 accuracy Class, as per IS 13779
03.	**Measuring Parameters**	• Active, Reactive & Apparent Energy in both import & export mode
		• Signed Active, Reactive and Apparent power
		• Net Energy Calculation
		• Maximum Demand With Date & Time snap shots
		• Power On-off event logging
		• Last 12 month Billing Data
		• Daily (midnight) & every 15/30 Min Load profile Data
		• Anti – tamper and Event logging
		• TOD wise Data upto 8 configurable Tariff Zones
		True (4 Quadrant) Energy measurement in Three Phase BI-Directional Meter
04.	**Communication**	Galvanically Isolated Optical Port and RS 232 port for remote communication

* Specification varies with respect to model selected



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