

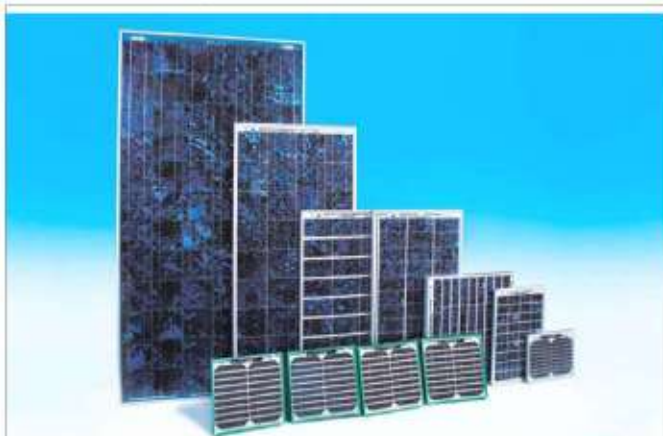


To meet your many power needs... Simply store a little sunshine every day!

Make the sun work for you round-the-clock. Use it to brighten your home and workplace, to power your fan, operate your computer and TV, light up gardens and streets... even electrify entire communities with clean, green energy!

With **state-of-the-art Solar Modules** from **Tata BP Solar**, India's largest Solar Company, you can now use the reliable and enduring energy of the sun to power your needs - consistently.

Manufactured and designed to international standards, in one of the largest Module Manufacturing Plants in the world, Solar Modules from Tata BP Solar are reliable, feature-packed and available in a wide range. They are approved by both national and international agencies, including SEC, ISPRA, UL, RDSO, DOT, CQAL, DGS&D, ONGC and IECQ.



Excellent Features. Reliable Components

- High Performance
- Maximum Reliability & Minimum Maintenance
- Resistant to water, abrasion and hail impact
- Lightweight anodized aluminium frame with edge sealant around the laminate
- Series connected Crystalline Silicon Solar Cells
- Toughened High Transmission Glass
- Ethyl Vinyl Acetate (EVA) Encapsulant
- Anodized Aluminium Frame and All Weather Resistant Frame Seal
- Junction Box with hinged, weather-proof lid, captive screws, three cable glands entry points and one cable gland (Standard)

A wide range of Modules for a wide range of Applications

- Solar Modules from Tata BP Solar are suitable for:
- BIPV
 - Domestic Lighting ● Street Lighting ● Domestic Power
 - Grid Connect Power Plants ● Medical Refrigeration
 - Navigational Aids ● Offshore Platforms ● Railway Signalling ● Defence Applications ● Telecommunications
 - Telemetry ● Water Pumping ● Rural Electrification
 - Solar Lanterns... and more!

Solar Solutions from Tata BP Solar - A 100% Solar Company!

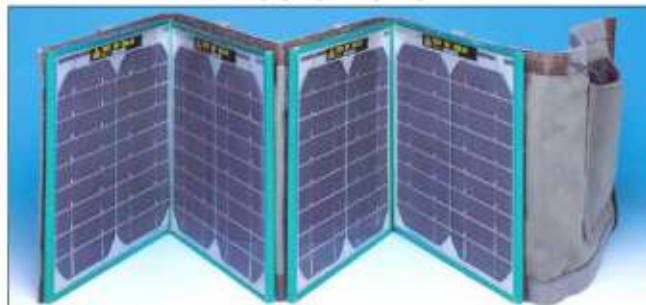
A pioneering, customer-centric organization, Tata BP Solar - India's largest Solar Company, constantly designs and develops innovative products that are best suited to your needs. These high quality, value-for-money products are backed by excellent nation-wide sales and service support.

Tata BP Solar is a joint venture between Tata Power Company Ltd., a pioneer in the power sector in India and BP Solar, one of the largest Solar Companies in the world.

Module Type	Pmax Watts (Nominal)	Pmax Watts (Minimum)	Minimum Pld Watts at Vid 16.40Volts (For MNES Only)	Nominal Voltage	Voc (Nominal) Volts	Isc (Nominal) Amps	Vmp (Nominal) Volts	Vmp (Minimum) Volts	Imp (Nominal) Amps
TBP1205M	5	4.75	NA	12	21.20	0.34	17.0	16.30	0.29
TBP0605M	5	4.75	NA	6	10.60	0.67	8.5	8.15	0.59
TBP1210	10	9.50	10	12	21.20	0.67	17.0	16.30	0.59
TBP1210M	10	9.50	10	12	21.20	0.67	17.0	16.30	0.59
TBP1212	12	11.40	12	12	21.20	0.81	17.0	16.30	0.71
TBP1212M	12	11.40	12	12	21.20	0.81	17.0	16.30	0.71
TBP1218M	12	11.40	18	12	21.20	0.81	17.0	16.30	0.71
TBP1220	20	19.00	NA	12	21.20	1.35	17.0	16.30	1.18
TBP1220M	20	19.00	NA	12	21.20	1.35	17.0	16.30	1.18
TBP1225	25	23.75	NA	12	21.20	1.68	17.0	16.30	1.47
TBP1225M	25	23.75	NA	12	21.20	1.68	17.0	16.30	1.47
TBP1230	30	28.50	NA	12	21.20	2.02	17.0	16.30	1.76
TBP1230M	30	28.50	NA	12	21.20	2.02	17.0	16.30	1.76
TBP1235	35	33.25	NA	12	21.20	2.36	17.0	16.30	2.06
TBP1235M	35	33.25	NA	12	21.20	2.36	17.0	16.30	2.06
TBP1240	40	38.00	37	12	21.20	2.70	17.0	16.30	2.35
TBP1240M	40	38.00	37	12	21.20	2.70	17.0	16.30	2.35
TBP1250	50	47.50	NA	12	21.20	3.37	17.0	16.30	2.94
TBP1250M	50	47.50	NA	12	21.20	3.37	17.0	16.30	2.94
TBP1260	60	57.00	NA	12	21.20	4.04	17.0	16.30	3.53
TBP1260M	60	57.00	NA	12	21.20	4.04	17.0	16.30	3.53
TBP1270	70	66.50	NA	12	21.20	4.72	17.0	16.30	4.12
TBP1270M	70	66.50	NA	12	21.20	4.72	17.0	16.30	4.12
TBP1275	75	71.25	74	12	21.20	5.05	17.0	16.30	4.41
TBP1275M	75	71.25	74	12	21.20	5.05	17.0	16.30	4.41
TBP1280	80	80.00	NA	12	21.20	5.39	17.0	16.30	4.71
TBP1280M	80	80.00	NA	12	21.20	5.39	17.0	16.30	4.71

Note : 'M' in the Module Type denotes Multi Crystalline Modules and Modules without 'M' denote Mono Crystalline Modules
General Tolerance other than Power and Vmp : ±10% to the nominal

'Mobile' Power



Solar Manpacks, designed to give you 'anytime, anywhere, power' are the perfect answer for Field Lighting, Manpack Radios and Communication Sets, Battery Charging, Video and Infra Red Cameras.

Reliable Components

- Series connected Crystalline Silicon Solar Cells
- Polycarbonate High Transmission Front
- Ethyl Vinyl Acetate (EVA) Encapsulant
- Insulated Epoxy back surface
- Output Cables for external 6V, 12V and 24 V Load Connections

TECHNICAL SPECIFICATIONS

Electrical Parameters	TBP M25		TBP M35		TBP M50		
	12V	6V	12V	24V	6V	12V	24V
Nominal Peak Power (Pnom) Watts	23.5	35	35	35	50	50	50
Peak Power Voltage (Vmp) Volts	17	8.5	17	34	8.5	17	34
Peak Power Current (Imp) Amps	1.48	4.1	2.05	1.03	5.8	2.8	1.35
Minimum Power (Pmin) Watts	22.3	33	33	33	45	45	45



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Your nearest Tata BP Solar Dealer:

