



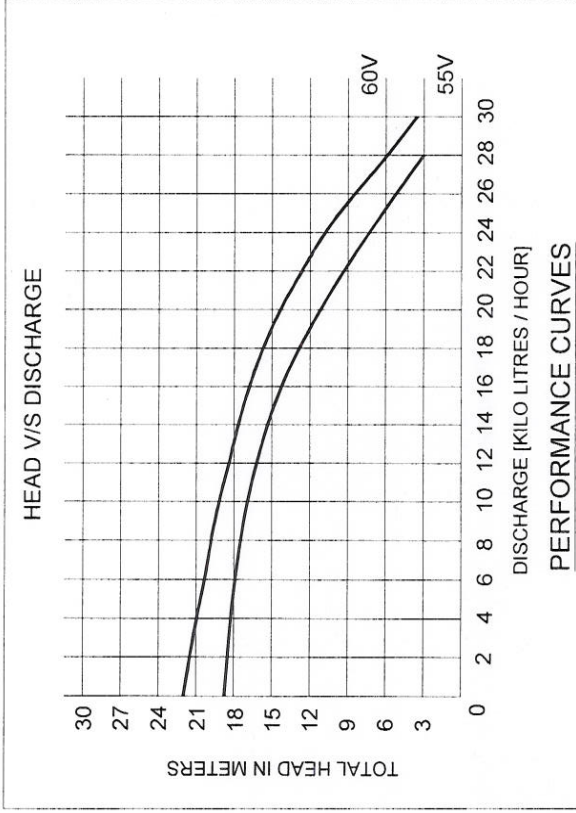
TATA BP SOLAR INDIA LIMITED
PRODUCT SPECIFICATION
DC SURFACE PUMPING SYSTEM - 1800W

SYSTEM

1	PV Array rating (Wp) at STC	1800Watts
2	No. of Modules / System	24Nos. of 75 W
3	Series - Parallel combination of the modules in the array	Four in series and Six in parallel
4	PV array operating current & Voltage	30 Amps and 60V
5	PV array mounting arrangement [Fixed / Tracking]	Tracking manual - 3 Positions [Morning / afternoon / Evening] Seasonal Tracking - 3 positions [Summer / winter / rainy]
6	Type of Pump and capacity	Surface 1500 Watts
7	Minimum operating voltage at which system starts water delivery	35V

PUMP & MOTOR

- PUMP TYPE : Centrifugal
- MOTOR TYPE : Brush Type, DC operated
- MODEL : MBP-60 N
- WATTS : 1500
- NOMINAL VOLTAGE : 60 VDC
- SUCTION : 2 1/2"
- NIMINAL CURRENT : 25 Amps
- TYPE : TEFC
- DUTY CYCLE : S1
- DIMENSIONS : 530mm x 220mm x 290mm [Approx.]
- DELIVERY : 2 1/2"
- DIRECTION : UNI-DIRECTOPN
- SEAL : MECHANICAL



SOLAR PV ARRAY

- TYPE OF MODULE : TBP 1275
- Maximum Power Pm : 75 watts ☆
- Voltage at Pm : 17 Volts ☆
- Current at Pm : 4.41 Amps ☆
- Weight : 7.5 Kgs

☆ Indicated Values are at STC 25°C and 100mW/sq.cm

PREPARED : *[Signature]*

CHECKED :

APPROVED : *[Signature]*

DATE :

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