



# JP Solar Energy Pvt. Ltd.

☎ 84012 62849 / 99047 95075 ✉ info@jpsolarenergy.com

📍 Corporate Office : 1113, Fortune Business Hub, Science City Road, Ahmedabad-380060.

• GSTIN : 24AAFJCJ4784L1Z4 • PAN NO : AAFJCJ4784L • CIN : U29309GJ2022PTC128895

## SUGGESTED SURFACE MONOBLOCK PUMPS MODEL WITH HEAD/DISCHARGE

| MODEL      | HP / Kw        | VOLTAGE / AMP | MIN. POWER REQ. (In Watt) | PUMP MODEL SUCTION * DELIVERY ( In mm ) | HEAD (In Meter) | LPM (Liter per minute) | LPD (Liter per day) | TOTAL HEAD = SUCTION HEAD + DELIVERY HEAD |   |     |          |                 |
|------------|----------------|---------------|---------------------------|---|-----------------|------------------------|---------------------|---|---|-----|----------|-----------------|
| JP-1/ SM   | 1 HP / 0.75 Kw | 120 V / 5 A   | 1000 W                    | 80 * 80 mm                              | 4               | 500                    | 1,80,000            | 3 M + 1 M = 4 M                           |   |     |          |                 |
|            |                |               |                           |   | 6               | 400                    | 1,44,000            | 4 M + 2 M = 6 M                           |   |     |          |                 |
|            |                |               |                           | 50 * 50 mm                              | 7               | 350                    | 1,26,000            | 6 M + 1 M = 7 M                           |   |     |          |                 |
|            |                |               |                           |   | 10              | 280                    | 1,00,000            | 6 M + 4 M = 10 M                          |   |     |          |                 |
|            |                |               |                           |   | 12              | 200                    | 72,000              | 6 M + 6 M = 12 M                          |   |     |          |                 |
|            |                |               |                           |   | 16              | 80                     | 29,000              | 6 M + 10 M = 16 M                         |   |     |          |                 |
|            |                |               |                           | JP-2/ SM                                | 2 HP / 1.5 Kw   | 160 V / 8.0 A          | 2000 W              | 80 * 80 mm                                | 6 | 650 | 2,34,000 | 4 M + 2 M = 6 M |
|            |                |               |                           |   |                 |                        |                     |   | 8 | 550 | 1,98,000 | 4 M + 4 M = 8 M |
| 10         | 450            | 1,62,000      | 4 M + 6 M = 10 M          |   |                 |                        |                     |   |   |     |          |                 |
| 80 * 65 mm | 11             | 400           | 1,44,000                  |   |                 |                        |                     | 6 M + 5 M = 11 M                          |   |     |          |                 |
|            | 14             | 300           | 1,08,000                  |   |                 |                        |                     | 6 M + 8 M = 14 M                          |   |     |          |                 |
|            | 15             | 250           | 90,000                    |   |                 |                        |                     | 6 M + 9 M = 15 M                          |   |     |          |                 |
| 50 * 50 mm | 18             | 180           | 65,000                    |   |                 |                        |                     | 6 M + 12 M = 18 M                         |   |     |          |                 |
|            | 18             | 180           | 65,000                    |   |                 |                        |                     | 6 M + 12 M = 18 M                         |   |     |          |                 |
| JP-3/ SM   | 3 HP / 2.2 Kw  | 230 V / 8.0 A | 3000 W                    | 100 * 100 mm                            | 5               | 1000                   | 3,60,000            | 4 M + 1 M = 5 M                           |   |     |          |                 |
|            |                |               |                           |   | 8               | 800                    | 2,88,000            | 4 M + 4 M = 8 M                           |   |     |          |                 |
|            |                |               |                           | 80 * 80 mm                              | 9               | 700                    | 2,52,000            | 6 M + 3 M = 9 M                           |   |     |          |                 |
|            |                |               |                           |   | 12              | 500                    | 1,80,000            | 6 M + 6 M = 12 M                          |   |     |          |                 |
|            |                |               |                           | 80 * 65 mm                              | 13              | 450                    | 1,62,000            | 6 M + 7 M = 13 M                          |   |     |          |                 |
|            |                |               |                           |   | 16              | 350                    | 1,26,000            | 6 M + 10 M = 16 M                         |   |     |          |                 |
|            |                |               |                           | 65 * 50 mm                              | 17              | 300                    | 1,08,000            | 6 M + 11 M = 17 M                         |   |     |          |                 |
|            |                |               |                           |   | 20              | 250                    | 90,000              | 6 M + 14 M = 20 M                         |   |     |          |                 |
| 20         | 250            | 90,000        | 6 M + 14 M = 20 M         |   |                 |                        |                     |   |   |     |          |                 |
| 20         | 250            | 90,000        | 6 M + 14 M = 20 M         |   |                 |                        |                     |   |   |     |          |                 |
| JP-5/ SM   | 5 HP / 3.7 Kw  | 380 V / 8.0 A | 5000 W                    | 100 * 100 mm                            | 7               | 1500                   | 5,40,000            | 6 M + 1 M = 7 M                           |   |     |          |                 |
|            |                |               |                           |   | 9               | 1300                   | 4,68,000            | 6 M + 3 M = 9 M                           |   |     |          |                 |
|            |                |               |                           |   | 12              | 1100                   | 3,96,000            | 6 M + 6 M = 12 M                          |   |     |          |                 |
|            |                |               |                           | 80 * 80 mm                              | 13              | 1000                   | 3,60,000            | 6 M + 7 M = 13 M                          |   |     |          |                 |
|            |                |               |                           |   | 15              | 900                    | 3,24,000            | 6 M + 9 M = 15 M                          |   |     |          |                 |
|            |                |               |                           |   | 18              | 700                    | 2,52,000            | 6 M + 12 M = 18 M                         |   |     |          |                 |
|            |                |               |                           | 80 * 65 mm                              | 19              | 650                    | 2,34,000            | 6 M + 13 M = 19 M                         |   |     |          |                 |
|            |                |               |                           |   | 22              | 550                    | 1,98,000            | 6 M + 16 M = 22 M                         |   |     |          |                 |
|            |                |               |                           |   | 25              | 450                    | 1,62,000            | 6 M + 19 M = 25 M                         |   |     |          |                 |
|            |                |               |                           | 65 * 50 mm                              | 26              | 400                    | 1,44,000            | 6 M + 20 M = 26 M                         |   |     |          |                 |
|            |                |               |                           |   | 29              | 350                    | 1,26,000            | 6 M + 23 M = 29 M                         |   |     |          |                 |
|            |                |               |                           |   | 32              | 300                    | 1,08,000            | 6 M + 26 M = 32 M                         |   |     |          |                 |

## SUGGESTED SURFACE MONOBLOCK PUMPS MODEL WITH HEAD/DISCHARGE

| MODEL      | HP / Kw         | VOLTAGE / AMP  | MIN. POWER REQ. (In Watt) | PUMP MODEL SUCTION * DELIVERY ( In mm ) | HEAD (In Meter) | LPM (Liter per minute) | LPD (Liter per day) | TOTAL HEAD = SUCTION HEAD + DELIVERY HEAD |
|------------|-----------------|----------------|---------------------------|---|-----------------|------------------------|---------------------|---|
| JP-7.5/ SM | 7.5 HP / 5.5 Kw | 300 V / 16.0 A | 7500 W                    | 100 * 100 mm                            | 11              | 1700                   | 6,12,000            | 6 M + 5 M = 11 M                          |
|            |                 |                |                           |   | 15              | 1500                   | 5,40,000            | 6 M + 9 M = 15 M                          |
|            |                 |                |                           |   | 18              | 1300                   | 4,68,000            | 6 M + 12 M = 18 M                         |
|            |                 |                |                           | 80 * 80 mm                              | 19              | 1200                   | 4,32,000            | 6 M + 13 M = 19 M                         |
|            |                 |                |                           |   | 22              | 1100                   | 3,96,000            | 6 M + 16 M = 22 M                         |
|            |                 |                |                           |   | 26              | 900                    | 3,24,000            | 6 M + 20 M = 26 M                         |
|            |                 |                |                           | 80 * 65 mm                              | 27              | 800                    | 2,88,000            | 6 M + 21 M = 27 M                         |
|            |                 |                |                           |   | 30              | 700                    | 2,52,000            | 6 M + 24 M = 30 M                         |
|            |                 |                |                           |   | 34              | 600                    | 2,16,000            | 6 M + 28 M = 34 M                         |
|            |                 |                |                           | 65 * 65 mm                              | 35              | 550                    | 1,98,000            | 6 M + 29 M = 35 M                         |
|            |                 |                |                           |   | 38              | 450                    | 1,62,000            | 6 M + 32 M = 38 M                         |
|            |                 |                |                           |   | 42              | 350                    | 1,26,000            | 6 M + 36 M = 42 M                         |
|            |                 |                |                           | 65 * 50 mm                              | 43              | 300                    | 1,08,000            | 6 M + 37 M = 43 M                         |
|            |                 |                |                           |   | 46              | 250                    | 90,000              | 6 M + 40 M = 46 M                         |
|            |                 |                |                           |   | 50              | 200                    | 72,000              | 6 M + 44 M = 50 M                         |
| JP-10/ SM  | 10 HP / 7.5 Kw  | 380 V / 16.0 A | 10000 W                   | 100 * 100 mm                            | 12              | 1900                   | 6,84,000            | 6 M + 6 M = 12 M                          |
|            |                 |                |                           |   | 15              | 1700                   | 6,12,000            | 6 M + 9 M = 15 M                          |
|            |                 |                |                           |   | 18              | 1500                   | 5,40,000            | 6 M + 12 M = 18 M                         |
|            |                 |                |                           | 80 * 80 mm                              | 19              | 1400                   | 5,04,000            | 6 M + 13 M = 19 M                         |
|            |                 |                |                           |   | 22              | 1300                   | 4,68,000            | 6 M + 16 M = 22 M                         |
|            |                 |                |                           |   | 25              | 1100                   | 3,96,000            | 6 M + 19 M = 25 M                         |
|            |                 |                |                           | 80 * 65 mm                              | 26              | 1000                   | 3,60,000            | 6 M + 21 M = 27 M                         |
|            |                 |                |                           |   | 30              | 900                    | 3,24,000            | 6 M + 24 M = 30 M                         |
|            |                 |                |                           |   | 34              | 800                    | 2,88,000            | 6 M + 28 M = 34 M                         |
|            |                 |                |                           | 65 * 65 mm                              | 35              | 750                    | 2,70,000            | 6 M + 29 M = 35 M                         |
|            |                 |                |                           |   | 40              | 650                    | 2,34,000            | 6 M + 34 M = 40 M                         |
|            |                 |                |                           |   | 45              | 550                    | 1,98,000            | 6 M + 39 M = 45 M                         |
|            |                 |                |                           | 65 * 50 mm                              | 46              | 500                    | 1,80,000            | 6 M + 40 M = 46 M                         |
|            |                 |                |                           |   | 51              | 400                    | 1,44,000            | 6 M + 45 M = 51 M                         |
|            |                 |                |                           |   | 56              | 300                    | 1,08,000            | 6 M + 50 M = 56 M                         |

hd = Suction Head  
hs = Delivery Head

