

| Pump Details |       |                |                      |                       |                                   |                | Solar Panel capacity      |                                   |               | Drive / Controller details  |                           |                                |                           |                             |                |
|--------------|-------|----------------|----------------------|-----------------------|-----------------------------------|----------------|---------------------------|-----------------------------------|---------------|-----------------------------|---------------------------|--------------------------------|---------------------------|-----------------------------|----------------|
| SL No        | AC/DC | Capacity in Hp | Dynamic Head in feet | Dynamic Head in meter | Approx Discharge per day (Litres) | Pump Dia in mm | Solar Panel capacity (Wp) | Solar Panel Configuration details | No of strings | Controller / Drive Capacity | Input Voltage Range (VDC) | Max input Current in Amps (DC) | Drive output Voltage (AC) | Max input Power (DC) in kWp | Application    |
| 1            | DC    | 1Hp            | 100                  | 31                    | 35200                             | 100            | 1200                      | 400Wp x 3 Panel                   | 1             | 1Hp                         | 60V - 200V                | 9Amps                          | 110V                      | 1.6                         | Irrigation     |
| 2            | DC    | 1Hp            | 150                  | 46                    | 17600                             | 100            | 1200                      | 400Wp x 3 Panel                   | 1             | 1Hp                         | 60V - 200V                | 9Amps                          | 110V                      | 1.6                         | Drinking water |
| 3            | DC    | 1Hp            | 200                  | 62                    | 11000                             | 100            | 1200                      | 400Wp x 3 Panel                   | 1             | 1Hp                         | 60V - 200V                | 9Amps                          | 110V                      | 1.6                         | Drinking water |
| 4            | DC    | 2Hp            | 100                  | 31                    | 50000                             | 100            | 2000                      | 400Wp x 5 Panel                   | 1             | 2Hp                         | 130V - 450V               | 9Amps                          | 160V                      | 2.4                         | Irrigation     |
| 5            | DC    | 3Hp            | 100                  | 31                    | 120000                            | 150            | 3200                      | 400Wp x 8 Panel                   | 1             | 3Hp                         | 150V - 470V               | 9Amps                          | 230V                      | 3.6                         | Irrigation     |
| 6            | DC    | 3Hp            | 150                  | 46                    | 75000                             | 100            | 3200                      | 400Wp x 8 Panel                   | 1             | 3Hp                         | 150V - 470V               | 9Amps                          | 230V                      | 3.6                         | Irrigation     |
| 7            | DC    | 3Hp            | 200                  | 62                    | 50000                             | 100            | 3200                      | 400Wp x 8 Panel                   | 1             | 3Hp                         | 150V - 470V               | 9Amps                          | 230V                      | 3.6                         | Irrigation     |
| 8            | DC    | 5Hp            | 150                  | 46                    | 110000                            | 150            | 4800                      | 400Wp x 12 Panel                  | 1             | 5Hp                         | 250V - 780V               | 9Amps                          | 380V                      | 5.6                         | Irrigation     |
| 9            | DC    | 5Hp            | 200                  | 62                    | 80000                             | 150            | 4800                      | 400Wp x 12 Panel                  | 1             | 5Hp                         | 250V - 780V               | 9Amps                          | 380V                      | 5.6                         | Irrigation     |
| 10           | DC    | 5Hp            | 250                  | 77                    | 68000                             | 100            | 4800                      | 400Wp x 12 Panel                  | 1             | 5Hp                         | 250V - 780V               | 9Amps                          | 380V                      | 5.6                         | Irrigation     |
| 11           | DC    | 5Hp            | 300                  | 92                    | 53000                             | 100            | 4800                      | 400Wp x 12 Panel                  | 1             | 5Hp                         | 250V - 780V               | 9Amps                          | 380V                      | 5.6                         | Irrigation     |
| 12           | DC    | 5Hp            | 350                  | 108                   | 50000                             | 100            | 4800                      | 400Wp x 12 Panel                  | 1             | 5Hp                         | 250V - 780V               | 9Amps                          | 380V                      | 5.6                         | Irrigation     |
| 13           | DC    | 5Hp            | 350                  | 108                   | 55000                             | 100            | 5600                      | 400Wp x 14 Panel                  | 1             | 5Hp                         | 250V - 780V               | 9Amps                          | 380V                      | 5.6                         | Irrigation     |
| 14           | DC    | 5Hp            | 400                  | 123                   | 50000                             | 100            | 5600                      | 400Wp x 14 Panel                  | 1             | 5Hp                         | 250V - 780V               | 9Amps                          | 380V                      | 5.6                         | Irrigation     |
| 15           | DC    | 5Hp            | 500                  | 154                   | 45000                             | 100            | 5600                      | 400Wp x 14 Panel                  | 1             | 5Hp                         | 250V - 780V               | 9Amps                          | 380V                      | 5.6                         | Irrigation     |
| 16           | DC    | 5Hp            | 600                  | 185                   | 36000                             | 100            | 5600                      | 400Wp x 14 Panel                  | 1             | 5Hp                         | 250V - 780V               | 9Amps                          | 380V                      | 5.6                         | Irrigation     |
| 17           | DC    | 7.5Hp          | 150                  | 50                    | 160000                            | 150            | 7200                      | 400Wp x 18 Panel                  | 2             | 7.5Hp                       | 250V - 780V               | 18 Amps                        | 300V                      | 12                          | Irrigation     |
| 18           | DC    | 7.5Hp          | 210                  | 70                    | 110000                            | 150            | 7200                      | 400Wp x 18 Panel                  | 2             | 7.5Hp                       | 250V - 780V               | 18 Amps                        | 300V                      | 12                          | Irrigation     |
| 19           | DC    | 7.5Hp          | 300                  | 100                   | 75000                             | 100            | 7200                      | 400Wp x 18 Panel                  | 2             | 7.5Hp                       | 250V - 780V               | 18 Amps                        | 300V                      | 12                          | Irrigation     |
| 20           | DC    | 7.5Hp          | 400                  | 123                   | 65000                             | 100            | 7200                      | 400Wp x 18 Panel                  | 2             | 7.5Hp                       | 250V - 780V               | 18 Amps                        | 300V                      | 12                          | Irrigation     |
| 21           | DC    | 7.5Hp          | 450                  | 138                   | 60000                             | 100            | 8000                      | 400Wp x 20 Panel                  | 2             | 7.5Hp                       | 250V - 780V               | 18 Amps                        | 300V                      | 12                          | Irrigation     |
| 22           | DC    | 7.5Hp          | 500                  | 154                   | 55000                             | 100            | 8000                      | 400Wp x 20 Panel                  | 2             | 7.5Hp                       | 250V - 780V               | 18 Amps                        | 300V                      | 12                          | Irrigation     |
| 23           | DC    | 7.5Hp          | 550                  | 169                   | 50000                             | 100            | 8000                      | 400Wp x 20 Panel                  | 2             | 7.5Hp                       | 250V - 780V               | 18 Amps                        | 300V                      | 12                          | Irrigation     |
| 24           | DC    | 7.5Hp          | 600                  | 185                   | 45000                             | 100            | 8000                      | 400Wp x 20 Panel                  | 2             | 7.5Hp                       | 250V - 780V               | 18 Amps                        | 300V                      | 12                          | Irrigation     |
| 25           | DC    | 7.5Hp          | 650                  | 200                   | 40000                             | 100            | 8800                      | 400Wp x 222Panel                  | 2             | 7.5Hp                       | 250V - 780V               | 18 Amps                        | 300V                      | 12                          | Irrigation     |
| 26           | DC    | 7.5Hp          | 700                  | 215                   | 36000                             | 100            | 8000                      | 400Wp x 20 Panel                  | 2             | 7.5Hp                       | 250V - 780V               | 18 Amps                        | 300V                      | 12                          | Irrigation     |
| 27           | DC    | 7.5Hp          | 750                  | 231                   | 32000                             | 100            | 8000                      | 400Wp x 20 Panel                  | 2             | 7.5Hp                       | 250V - 780V               | 18 Amps                        | 300V                      | 12                          | Irrigation     |
| 28           | DC    | 10Hp           | 160                  | 50                    | 210000                            | 150            | 10400                     | 400Wp x 26 Panel                  | 2             | 10Hp                        | 250V - 780V               | 18 Amps                        | 380V                      | 12                          | Irrigation     |
| 29           | DC    | 10Hp           | 224                  | 70                    | 140000                            | 150            | 10400                     | 400Wp x 26 Panel                  | 2             | 10Hp                        | 250V - 780V               | 18 Amps                        | 380V                      | 12                          | Irrigation     |
| 30           | DC    | 10Hp           | 320                  | 100                   | 100000                            | 150            | 10400                     | 400Wp x 26 Panel                  | 2             | 10Hp                        | 250V - 780V               | 18 Amps                        | 380V                      | 12                          | Irrigation     |
| 31           | DC    | 10Hp           | 480                  | 150                   | 75000                             | 100            | 10400                     | 400Wp x 26 Panel                  | 2             | 10Hp                        | 250V - 780V               | 18 Amps                        | 380V                      | 12                          | Irrigation     |
| 32           | DC    | 10Hp           | 600                  | 185                   | 68000                             | 100            | 10400                     | 400Wp x 26 Panel                  | 2             | 10Hp                        | 250V - 780V               | 18 Amps                        | 380V                      | 12                          | Irrigation     |
| 33           | DC    | 10Hp           | 650                  | 200                   | 60000                             | 100            | 10400                     | 400Wp x 26 Panel                  | 2             | 10Hp                        | 250V - 780V               | 18 Amps                        | 380V                      | 12                          | Irrigation     |
| 34           | DC    | 10Hp           | 700                  | 215                   | 55000                             | 100            | 10400                     | 400Wp x 26 Panel                  | 2             | 10Hp                        | 250V - 780V               | 18 Amps                        | 380V                      | 12                          | Irrigation     |
| 35           | DC    | 10Hp           | 750                  | 231                   | 50000                             | 100            | 10400                     | 400Wp x 26 Panel                  | 2             | 10Hp                        | 250V - 780V               | 18 Amps                        | 380V                      | 12                          | Irrigation     |
| 36           | DC    | 10Hp           | 800                  | 246                   | 45000                             | 100            | 11200                     | 400Wp x 28 Panel                  | 2             | 10Hp                        | 250V - 780V               | 18 Amps                        | 380V                      | 12                          | Irrigation     |
| 37           | DC    | 10Hp           | 850                  | 262                   | 40000                             | 100            | 11200                     | 400Wp x 28 Panel                  | 2             | 10Hp                        | 250V - 780V               | 18 Amps                        | 380V                      | 12                          | Irrigation     |
| 38           | DC    | 10Hp           | 900                  | 277                   | 35000                             | 100            | 11200                     | 400Wp x 28 Panel                  | 2             | 10Hp                        | 250V - 780V               | 18 Amps                        | 380V                      | 12                          | Irrigation     |
| 39           | DC    | 10Hp           | 950                  | 292                   | 32000                             | 100            | 11200                     | 400Wp x 28 Panel                  | 2             | 10Hp                        | 250V - 780V               | 18 Amps                        | 380V                      | 12                          | Irrigation     |
| 40           | DC    | 10Hp           | 1000                 | 308                   | 30000                             | 100            | 11200                     | 400Wp x 28 Panel                  | 2             | 10Hp                        | 250V - 780V               | 18 Amps                        | 380V                      | 12                          | Irrigation     |