

Discharge Chart/V4 /V6 Solar Submersible Water Pump
SUGGESTED V4 SOLAR SUBMERSIBLE PUMP MODEL WITH HEAD/DISCHARGE

| MODEL | HP / kW | VOLTAGE / AMP | MIN. POWER REQ. (In Watt) | HEAD (In Meter) | LPM (Liter per minute) | LPD (Liter per day) | PUMP OUTER DIAMETER (Inch/mm) | OUTLET SIZE (Inch/mm) |
|-------------|----------------|---------------|-----------------------------|-----------------|------------------------|---------------------|---------------------------------|-----------------------|
| GEPL-1/V4 | 1 HP / 0.75 Kw | 110 V / 6.5 A | 1000 W | 20 | 90 | 32,000 | 4" / 95 mm | 1.5"/38 mm |
| | | | | 30 | 70 | 25,000 | 4" / 95 mm | 1.25"/32 mm |
| | | | | 40 | 50 | 18,000 | 4" / 95 mm | 1.25"/32 mm |
| | | | | 50 | 30 | 10,000 | 4" / 95 mm | 1.25"/32 mm |
| GEPL - 2/V4 | 2 HP / 1.5 Kw | 160 V / 8.0 A | 2000 W | 20 | 200 | 72,000 | 4" / 95 mm | 2.0"/50 mm |
| | | | | 30 | 150 | 54,000 | 4" / 95 mm | 2.0"/50 mm |
| | | | | 40 | 120 | 43,000 | 4" / 95 mm | 2.0"/50 mm |
| | | | | 50 | 100 | 36,000 | 4" / 95 mm | 1.5"/38 mm |
| | | | | 60 | 80 | 29,000 | 4" / 95 mm | 1.5"/38 mm |
| | | | | 70 | 70 | 25,000 | 4" / 95 mm | 1.25"/32 mm |
| | | | | 80 | 60 | 21,000 | 4" / 95 mm | 1.25"/32 mm |
| | | | | 90 | 40 | 14,000 | 4" / 95 mm | 1.25"/32 mm |
| GEPL - 3/V4 | 3 HP / 2.2 Kw | 230 V / 8.0 A | 3000 W | 20 | 250 | 90,000 | 4" / 95 mm | 2.0"/50 mm |
| | | | | 30 | 220 | 79,000 | 4" / 95 mm | 2.0"/50 mm |
| | | | | 40 | 180 | 65,000 | 4" / 95 mm | 2.0"/50 mm |
| | | | | 50 | 150 | 54,000 | 4" / 95 mm | 2.0"/50 mm |
| | | | | 60 | 130 | 47,000 | 4" / 95 mm | 2.0"/50 mm |
| | | | | 70 | 100 | 36,000 | 4" / 95 mm | 1.5"/38 mm |
| | | | | 80 | 80 | 29,000 | 4" / 95 mm | 1.5"/38 mm |
| | | | | 90 | 70 | 25,000 | 4" / 95 mm | 1.25"/32 mm |
| | | | | 100 | 60 | 21,000 | 4" / 95 mm | 1.25"/32 mm |
| | | | | 110 | 50 | 18,000 | 4" / 95 mm | 1.25"/32 mm |
| 120 | 30 | 11,000 | 4" / 95 mm | 1.25"/32 mm | | | | |

| | | | | | | | | |
|----------------|------------------|---------------|--------|-----|-----|----------|------------|-------------|
| GEPL - 5/V4 | 5 HP / 3.7 Kw | 380 V / 8.0 A | 5000 W | 20 | 350 | 1,26,000 | 4" / 95 mm | 2.5"/65 mm |
| | | | | 30 | 320 | 1,15,000 | 4" / 95 mm | 2.5"/65 mm |
| | | | | 40 | 280 | 1,00,000 | 4" / 95 mm | 2.0"/50 mm |
| | | | | 50 | 240 | 86,000 | 4" / 95 mm | 2.0"/50 mm |
| | | | | 60 | 210 | 75,000 | 4" / 95 mm | 2.0"/50 mm |
| | | | | 70 | 180 | 65,000 | 4" / 95 mm | 2.0"/50 mm |
| | | | | 80 | 150 | 54,000 | 4" / 95 mm | 2.0"/50 mm |
| | | | | 90 | 120 | 43,000 | 4" / 95 mm | 2.0"/50 mm |
| | | | | 100 | 100 | 36,000 | 4" / 95 mm | 1.5"/38 mm |
| | | | | 110 | 80 | 29,000 | 4" / 95 mm | 1.5"/38 mm |
| | | | | 120 | 60 | 22,000 | 4" / 95 mm | 1.25"/32 mm |
| | | | | 130 | 50 | 18,000 | 4" / 95 mm | 1.25"/32 mm |
| | | | | 140 | 40 | 15,000 | 4" / 95 mm | 1.25"/32 mm |

**SUGGESTED V6 SOLAR SUBMERSIBLE PUMPS MODEL WITH
HEAD/DISCHARGE**

| MODEL | HP / Kw | VOLTAGE / AMP | MIN. POWER REQ. (In Watt) | HEAD (In Meter) | LPM (Liter per minute) | LPD (Liter per day) | PUMP OUTER DIAMETER (Inch/mm) | OUTLET SIZE (Inch/mm) |
|----------------|------------------|------------------|------------------------------------|-----------------------|------------------------------|---------------------------|--|-----------------------------|
| GEPL -3/ V6 | 3 HP / 2.2 Kw | 230 V / 8.0 A | 3000 W | 20 | 350 | 1,26,000 | 6" / 142 mm | 2.5"/65 mm |
| | | | | 30 | 250 | 90,000 | 6" / 142 mm | 2.0"/50 mm |
| | | | | 40 | 200 | 72,000 | 6" / 142 mm | 2.0"/50 mm |
| | | | | 50 | 150 | 54,000 | 6" / 142 mm | 2.0"/50 mm |
| GEPL -5/V6 | 5 HP / 3.7 Kw | 380 V / 8.0 A | 5000 W | 20 | 550 | 1,98,000 | 6" / 142 mm | 3.0"/80 mm |
| | | | | 30 | 450 | 1,62,000 | 6" / 142 mm | 3.0"/80 mm |
| | | | | 40 | 350 | 1,26,000 | 6" / 142 mm | 2.5"/65 mm |
| | | | | 50 | 240 | 86,000 | 6" / 142 mm | 2.0"/50 mm |
| | | | | 60 | 200 | 72,000 | 6" / 142 mm | 2.0"/50 mm |
| | | | | 70 | 170 | 61,000 | 6" / 142 mm | 2.0"/50 mm |
| | | | | 80 | 150 | 54,000 | 6" / 142 mm | 2.0"/50 mm |
| 90 | 130 | 47,000 | 6" / 142 mm | 2.0"/50 mm | | | | |



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| | | | | | | | | |
|------------------|--------------------|----------------|-------------|-----------------|-------------------|----------------|-------------|------------|
| GEPL - 7.5/V6 | 7.5 HP / 5.5 Kw | 300 V / 16.0 A | 7500 W | 20 | 900 | 3,24,000 | 6" / 142 mm | 3.0"/80 mm |
| | | | | 30 | 700 | 2,52,000 | 6" / 142 mm | 3.0"/80 mm |
| | | | | 40 | 500 | 1,80,000 | 6" / 142 mm | 3.0"/80 mm |
| | | | | 50 | 400 | 1,44,000 | 6" / 142 mm | 2.5"/65 mm |
| | | | | 60 | 300 | 1,08,000 | 6" / 142 mm | 2.0"/50 mm |
| | | | | 70 | 260 | 94,000 | 6" / 142 mm | 2.0"/50 mm |
| | | | | 80 | 230 | 83,000 | 6" / 142 mm | 2.0"/50 mm |
| | | | | 90 | 200 | 72,000 | 6" / 142 mm | 2.0"/50 mm |
| | | | | 100 | 170 | 61,000 | 6" / 142 mm | 2.0"/50 mm |
| | | | | 110 | 150 | 54,000 | 6" / 142 mm | 2.0"/50 mm |
| | | | | 120 | 130 | 47,000 | 6" / 142 mm | 2.0"/50 mm |
| | | | | 130 | 120 | 43,000 | 6" / 142 mm | 2.0"/50 mm |
| | | | | 140 | 110 | 40,000 | 6" / 142 mm | 2.0"/50 mm |
| | | | | GEPL - 10/V6 | 10 HP / 7.5 Kw | 380 V / 16.0 A | 10000 W | 20 |
| 30 | 900 | 3,24,000 | 6" / 142 mm | | | | | 3.0"/80 mm |
| 40 | 700 | 2,52,000 | 6" / 142 mm | | | | | 3.0"/80 mm |
| 50 | 500 | 1,80,000 | 6" / 142 mm | | | | | 3.0"/80 mm |
| 60 | 400 | 1,44,000 | 6" / 142 mm | | | | | 2.5"/65 mm |
| 70 | 330 | 1,19,000 | 6" / 142 mm | | | | | 2.5"/65 mm |
| 80 | 300 | 1,08,000 | 6" / 142 mm | | | | | 2.0"/50 mm |
| 90 | 270 | 97,000 | 6" / 142 mm | | | | | 2.0"/50 mm |
| 100 | 250 | 90,000 | 6" / 142 mm | | | | | 2.0"/50 mm |
| 110 | 230 | 83,000 | 6" / 142 mm | | | | | 2.0"/50 mm |
| 120 | 210 | 76,000 | 6" / 142 mm | | | | | 2.0"/50 mm |
| 130 | 190 | 47,000 | 6" / 142 mm | | | | | 2.0"/50 mm |
| 140 | 170 | 61,000 | 6" / 142 mm | | | | | 2.0"/50 mm |
| 150 | 150 | 54,000 | 6" / 142 mm | | | | | 2.0"/50 mm |
| 160 | 130 | 47,000 | 6" / 142 mm | 2.0"/50 mm | | | | |
| 170 | 110 | 40,000 | 6" / 142 mm | 2.0"/50 mm | | | | |

- Solar Surface Monoblock Water Pump

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 |
|-------------|----------------|---------------|---------------------------|---------------------------------------|-----------------|------------------------|---------------------|---|
| GEPL -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 |
| | | | | | 13 | 160 | 57,000 | 6 M + 7 M = 13 M |
| 16 | 80 | 29,000 | 6 M + 10 M = 16 M | | | | | |
| GEPL -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 |
| 18 | 180 | 65,000 | 6 M + 12 M = 18 M | | | | | |
| GEPL -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 |



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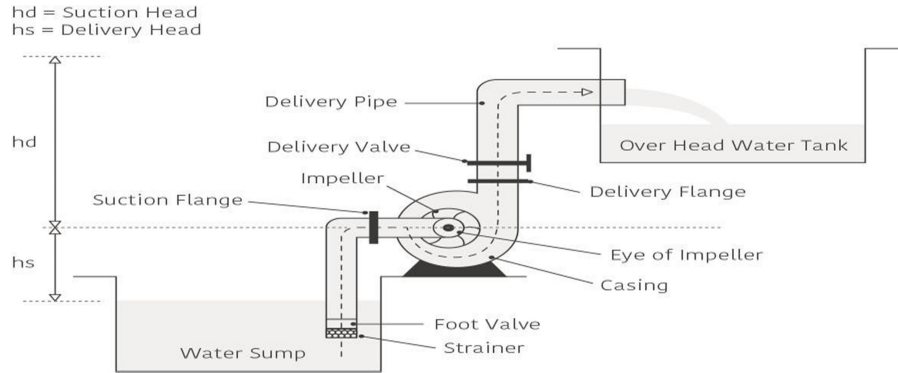
| GEPL 5/V4 | HP / kW 5 HP/3.7 | VOLTAGE 380 V/ 8.0 A | MIN. POWER REQ. (In Watt) 5000 W | PUMP MODEL SUCTION * DELIVERY (In mm) | HEAD (In Meter) | LPM (Liter per minute) | LPD (Liter per day) | TOTAL HEAD = SUCTION HEAD + DELIVERY HEAD |
|--------------|---------------------|-------------------------|--|---|-----------------------|---------------------------------|---------------------------|---|
| | | | | 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 |



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| | | | | | | | | |
|-----------------|--------------------|-------------------|---------|--------------|----|------|----------|-------------------|
| GEPL-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 |
| GEPL -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 |



• Solar Openwell Water Pump

SUGGESTED OPENWELL MONOSET PUMP 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) |
|--------------|----------------|---------------|---------------------------|---------------------------------------|-----------------|------------------------|---------------------|
| GEPL - 1/ OM | 1 HP / 0.75 Kw | 120 V / 5 A | 1000 W | 65 * 65 mm | 6 | 450 | 1,62,000 |
| | | | | | 8 | 400 | 1,44,000 |
| | | | | 50 * 50 mm | 9 | 350 | 1,26,000 |
| | | | | | 12 | 300 | 1,08,000 |
| GEPL - 2/ OM | 2 HP / 1.5 Kw | 160 V / 8.0 A | 2000 W | 80 * 80 mm | 6 | 700 | 2,52,000 |
| | | | | | 8 | 650 | 2,34,000 |
| | | | | | 10 | 550 | 1,98,000 |
| | | | | 65 * 65 mm | 11 | 500 | 1,80,000 |
| | | | | | 14 | 400 | 1,44,000 |
| | | | | | 15 | 350 | 1,26,000 |
| GEPL - 3/ OM | 3 HP / 2.2 Kw | 230 V / 8.0 A | 3000 W | 100 * 100 mm | 5 | 950 | 3,42,000 |
| | | | | | 8 | 800 | 2,88,000 |
| | | | | 80 * 80 mm | 9 | 700 | 2,52,000 |
| | | | | | 12 | 600 | 2,16,000 |
| | | | | 80 * 65 mm | 13 | 550 | 1,98,000 |
| | 16 | 450 | 1,62,000 | | | | |
| 65 * 50 mm | 17 | 400 | 1,44,000 | | | | |
| | 20 | 300 | 1,08,000 | | | | |

| | | | | | | | |
|-----------------|------------------|------------------|--------|--------------|----|------|----------|
| GEPL - 5/ OM | 5 HP / 3.7 Kw | 380 V / 8.0 A | 5000 W | 100 * 100 mm | 6 | 1300 | 4,68,000 |
| | | | | | 8 | 1200 | 4,32,000 |
| | | | | | 11 | 1000 | 3,60,000 |
| | | | | 80 * 80 mm | 12 | 900 | 3,24,000 |
| | | | | | 15 | 800 | 2,88,000 |
| | | | | | 18 | 700 | 2,52,000 |
| | | | | 80 * 65 mm | 19 | 650 | 2,34,000 |
| | | | | | 21 | 550 | 1,98,000 |
| | | | | | 23 | 500 | 1,80,000 |
| | | | | 65 * 50 mm | 24 | 450 | 1,62,000 |
| | | | | | 27 | 400 | 1,44,000 |
| | | | | | 30 | 350 | 1,26,000 |

| 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) |
|------------------|--------------------|-------------------|------------------------------------|---|-----------------------|---------------------------------|---------------------------|
| GEPL -7.5/ OM | 7.5 HP / 5.5 Kw | 300 V / 16.0 A | 7500 W | 125 * 125 mm | 6 | 2700 | 9,72,000 |
| | | | | | 8 | 2300 | 8,28,000 |
| | | | | | 10 | 1900 | 6,84,000 |
| | | | | 100 * 100 mm | 11 | 1700 | 6,12,000 |
| | | | | | 14 | 1500 | 5,40,000 |
| | | | | | 17 | 1200 | 4,32,000 |
| | | | | 80 * 80 mm | 18 | 1100 | 3,96,000 |
| | | | | | 21 | 900 | 3,24,000 |
| | | | | | 25 | 700 | 2,52,000 |
| | | | | 80 * 65 mm | 26 | 650 | 2,34,000 |
| | | | | | 29 | 600 | 2,16,000 |
| | | | | | 32 | 500 | 1,80,000 |
| | | | | 65 * 50 mm | 33 | 450 | 1,62,000 |
| | | | | | 36 | 350 | 1,26,000 |
| | | | | | 38 | 250 | 90,000 |

| | | | | | | | |
|-------------------|-------------------|-------------------|---------|--------------|----|------|-----------|
| GEPL 10/ OM | 10 HP / 7.5 Kw | 380 V / 16.0 A | 10000 W | 125 * 125 mm | 8 | 3000 | 10,80,000 |
| | | | | | 10 | 2600 | 9,36,000 |
| | | | | | 12 | 2300 | 8,28,000 |
| | | | | 100 * 100 mm | 13 | 2100 | 7,56,000 |
| | | | | | 17 | 1700 | 6,12,000 |
| | | | | | 22 | 1300 | 4,68,000 |
| | | | | | 23 | 1200 | 4,32,000 |
| | | | | 80 * 80 mm | 27 | 900 | 3,24,000 |
| | | | | | 32 | 700 | 2,52,000 |
| | | | | | 33 | 650 | 2,34,000 |
| | | | | 65 * 65 mm | 35 | 550 | 1,98,000 |
| | | | | | 37 | 450 | 1,62,000 |
| | | | | | 38 | 380 | 1,37,000 |
| | | | | 65 * 50 mm | 42 | 330 | 1,19,000 |
| | | | | | 46 | 280 | 1,01,000 |