

Lifting **Water**,
Growing **Life**

Uratom[®]
ePower Pvt. Ltd.



Hiramrut
Serving Solar Industry Since 1984

SOLAR BLDC
PUMPING SOLUTIONS



“ SAVE WATER WITH THE POWER OF SUN

Water is the most important and valuable natural resource on Earth. It sustains all life. There is no life without water. Water is not only important for human beings but for the entire ecosystem. Without enough water, the existence of humans, as well as animals, is next to impossible. After fresh air, water is the second most important natural resource for the survival of any living being





WHO WE ARE ?

Uratom Solar is working on 'Renewable Energy' field since 1984, having more than 41 years of rich experience in solar solutions, "Hiramrut Group" is back with innovative products with impactful name (URATOM) Yes, Uratom EPower Pvt. Ltd. (USIL) – AN ISO 9001: 2015 5 ISO 14001 certified company. Is one of the largest manufacturer in Gujarat for eco-friendly & pollution free renewable energy products like Solar water pump systems ,solar panel, electric bicycles,on grid windmills,solar floor mills UEPL is committed to manufacturer quality, reliable, long life solar products for clean & green environment for next generation.

Uratom EPower Pvt. Ltd. Having a large working area of 18,210 Sq. Mtr., with automation well equipped factory premises, latest tools, technically perfect machineries, extremely qualified and technically sound engineers for well drawings and designs and having more than 75 qualified & well trained staff for marketing and services.

Having state-of -art production line supported by in-house research and development , UEPL ensure high quality with higher efficiency solar products for domestic, commercial as well a industrial purpose. Also Uratom Rooftop Inverters are widely used in India. Production, drawing & designing is prepared and finalized under stringent supervision of qualified engineers.

Uratom have all MNRE approved solar pumps One of the prestigious project have done with joint coloration of German & Indian Govt. at Leh for space heating. Where solar energy store and make space heated at night hours.

Uratom are approved by MNRE as a channel partner for solar water pumping systems Solar Water Heater, Solar Rooftop and Solar Cooker Company have Four branches in India at Ahmedabad, Aurangabad, Roorkee & Durgapur. Uratom has wide dealer network in Gujarat, Rajasthan, Maharashtra, Chhattisgarh, Madhya Pradesh, Karnataka, Andhra Pradesh, Delhi, Haryana, Himachal Pradesh, Punjab and Jammu & Kashmir & West Bengal.



I OUR MISSION

We intend to promote use of solar energy by...

- Developing and delivering innovative solar solutions.
- Making the solutions accessible, viable and affordable.
- Achieving and enhancing complete customer satisfactions.

I OUR VISION

Creating sustainable and eco-friendly future for our Mother Earth by optimum use of solar energy.

I QUALITY POLICY

We are committed to achieve customer satisfaction by product quality of solar water heater and solar lighting systems, also committed to minimize adverse impact arising due to products & manufacturing processes on employees & environment.

We are committed to comply our integrated management system as per requirements of international standards & applicable legal requirements.

We will do continual improvement in integrated management system by preventing pollution & fulfilling quality objectives, targets, programs and legal requirements.

V3-CI SOLAR SUBMERSIBLE PUMPS – BLDC/PMSM

Cast Iron Type



DESCRIPTION

Uratom has specially design water-filled 6 pole BLDC/PMSM Cast Iron submersible motor with noryl rotor centrifugal pump and maximum utilization of solar energy during sunny days, BLDC PMSM motor set has 30% higher energy efficiency then conventional ac submersible pump. V3-CI series is suitable for 3.5" or above bore well dia

- 18 slot 6 pole Patented design
- V3-CI is special design with Cast Iron for longer life
- Use of high grade CRNO stamping for higher efficiency
- Use of NdFeb neodymium magnet with NICKEL and marine grade coating for corrosion free long life
- NEMA motor coupling

TECHNICAL SPECIFICATION

- Water Filled BLDC/PMSM Motor
- Higher 3150 RPM
- HP Range 0.5 HP to 2.0 HP
- 150 Hz operation

SR. No.	V3	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate in LPD	Outlet in Inch Outlet	Require Power
1	V3	0.5	3CIDUE0530	30	50	19020	1"	540 Wp
2	V3	1.0	3CIDUE1030	30	50	44100	1"	1200 Wp
3	V3	1.0	3CIDUE1060	60	90	21300	1"	1200 Wp
4	V3	2.0	3CIDUE2090	90	120	19200	1"	1800 Wp

MATERIAL DESCRIPTION

SR. No.	Parts Name	Material
1	Motor Base	Casting iron
2	Motor Upper Housing & Lower Housing	Casting iron
3	Pump N.R.V	Casting iron
4	Pump Suction	Casting iron
5	Bowl & Impeller	Noryl

V3-SS SOLAR SUBMERSIBLE PUMPS – BLDC/PMSM

Stainless
Steel Type



DESCRIPTION

Uratom has specially design water-filled 6 pole BLDC/PMSM Stainless Steel submersible motor with Stainless steel fabricated bowl impeller and maximum utilization of solar energy during sunny days, BLDC PMSM motor set has 30% higher energy efficiency then conventional ac submersible pump. V3-SS series is suitable for 3.5" or above bore well dia

- 18 slot 6 pole Patented design
- V3-SS is special design with Stainless Steel for longer life
- Use of high grade CRNO stamping for higher efficiency
- Use of NdFeb neodymium magnet with NICKEL and marine grade coating for corrosion free long life
- NEMA motor coupling

TECHNICAL SPECIFICATION

- Water Filled BLDC/PMSM Motor
- Higher 3150 RPM
- HP Range 0.5 HP to 2.0 HP
- 150 Hz operation

SR. No.	V3	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate in LPD	Outlet in Inch Outlet	Require Power
1	V3	0.25	3SDUE02515	15	30	26400	1.25"	330 Wp
2	V3	0.5	3SDUE0530	30	45	20520	1.25"	540 Wp
3	V3	1.0	3SDUE1060	60	60	22800	1.25"	1200 Wp
4	V3	1.0	3SDUE1090	90	90	13800	1.25"	1200 Wp
5	V3	2.0	3SDUE2090	90	120	20700	1.25"	1800 Wp

MATERIAL DESCRIPTION

SR. No.	Parts Name	Material
1	Motor Base	Stainless Steel
2	Motor Upper Housing & Lower Housing	Stainless Steel
3	Pump N.R.V	Stainless Steel
4	Pump Suction	Stainless Steel
5	Bowl & Impeller	Stainless Steel

V3-CI SOLAR SUBMERSIBLE OIL-FILLED PUMPS – BLDC/PMSM Cast Iron Type



DESCRIPTION

Uratom has specially design oil-filled 6 pole BLDC/PMSM Cast Iron submersible motor with noryl rotor centrifugal pump and maximum utilization of solar energy during sunny days, BLDC PMSM motor set has 30% higher energy efficiency then conventional ac submersible pump. V3-CI series is suitable for 3.5" or above bore well dia

- 18 slot 6 pole Patented design
- V3-CI is special design with Cast Iron for longer life
- Use of high grade CRNO stamping for higher efficiency
- Use of NdFeb neodymium magnet with NICKEL and marine grade coating for corrosion free long life
- NEMA motor coupling

TECHNICAL SPECIFICATION

- Oil Filled BLDC/PMSM Motor
- Higher 3150 RPM
- HP Range 0.5 HP to 2.0 HP
- 150 Hz operation

SR. No.	V3	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate in LPD	Outlet in Inch Outlet	Require Power
1	V3	0.5	3CIODUE0530	30	50	19020	1"	540 Wp
2	V3	1.0	3CIODUE1030	30	50	44100	1"	1200 Wp
3	V3	1.0	3CIODUE1060	60	90	21300	1"	1200 Wp
4	V3	2.0	3CIODUE2090	90	120	19200	1"	1800 Wp

MATERIAL DESCRIPTION

SR. No.	Parts Name	Material
1	Motor	Stainless Steel
2	Upper Housing & Lower Housing	Casting iron
3	Pump N.R.V & Pump Suction	Casting iron
4	Bowl & Impeller	Noryl

V4-CI SOLAR SUBMERSIBLE PUMPS – BLDC/PMSM

Cast Iron Type



DESCRIPTION

Uratom has specially design water-filled 6 pole BLDC/PMSM Cast Iron submersible motor and Noryl Bowl Impeller pump with maximum utilization of solar energy during sunny days, BLDC PMSM motor set has 30% higher energy efficiency then conventional ac submersible pump. V4-CI series is suitable for 4.5" or above bore well dia

- 18 slot 6 pole Patented design
- V4-CI series is special design with Cast Iron for longer life
- Use of high grade CRNO stamping for higher efficiency
- Use of NdFeb neodymium magnet with NICKEL and marine grade coating for corrosion free long life
- NEMA motor coupling

TECHNICAL SPECIFICATION

- Water Filled BLDC/PMSM Motor
- Higher 3150 RPM
- HP Range 0.25 HP to 5 HP
- Head Range 10m to 130m
- Voltage 36V to 600V Range

SR. No.	V4	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate in LPD	Outlet in Inch Outlet	Require Power
1	V4	0.5	4CIDUE0530	30	50	19020	1.0"	540 Wp
2	V4	1.0	4CIDUE1030	30	50	44100	1.25"	1200 Wp
3	V4	1.0	4CIDUE1060	60	90	21300	1.0"	1200 Wp
4	V4	1.0	4CIDUE1090	90	120	12300	1.0"	1200 Wp
5	V4	2.0	4CIDUE2030	30	50	66900	2.0"	1800 Wp
6	V4	2.0	4CIDUE2050	50	70	39900	1.25"	1800 Wp
7	V4	2.0	4CIDUE2070	70	100	25500	1.25"	1800 Wp
8	V4	2.0	4CIDUE2100	100	120	17400	1.25"	1800 Wp
9	V4	3.0	4CIDUE3030	30	50	112500	2.0"	3000 Wp
10	V4	3.0	4CIDUE3050	50	70	67500	1.5"	3000 Wp
11	V4	3.0	4CIDUE3070	70	100	43500	1.5"	3000 Wp
12	V4	3.0	4CIDUE3100	100	120	30000	1.25"	3000 Wp
13	V4	5.0	4CIDUE5030	30	50	180900	2.5"	4800 Wp
14	V4	5.0	4CIDUE5050	50	70	108900	2.0"	4800 Wp
15	V4	5.0	4CIDUE5070	70	100	70500	2.0"	4800 Wp
16	V4	5.0	4CIDUE5100	100	120	48900	1.5"	4800 Wp
17	V4	5.0	4CIDUE5130	130	150	41700	1.25"	4800 Wp

MATERIAL DESCRIPTION

SR. No.	Parts Name	Material
1	Motor Base, Upper Housing & Lower Housing	Casting iron
2	Pump N.R.V & Pump Suction	Casting iron
3	Bowl & Impeller	Noryl

V4-SS DC SOLAR HHLV SCREW PUMPS – BLDC/PMSM

Stainless
Steel Type



DESCRIPTION

Uratom has specially design water-filled 6 pole BLDC/PMSM Stainless Steel submersible motor and Helicul Screw with maximum utilization of solar energy during sunny days, BLDC PMSM motor set has 30% higher energy efficiency then conventional ac submersible pump. V4-SS series is suitable for 4.5" or above bore well dia

- 18 slot 6 pole Patented design
- V4-SS series is special design with Stainless Steel for longer life
- Use of high grade CRNO stamping for higher efficiency
- Use of NdFeb neodymium magnet with NICKEL and marine grade coating for corrosion free long life
- NEMA motor coupling

TECHNICAL SPECIFICATION

- Water Filled BLDC/PMSM Motor
- Higher 3150 RPM
- HP Range 1 HP & 2 HP
- Head Range 10m to 240m
- Voltage 60V to 150V Range

SR. No.	V4	HP	Model	Head in Mtr.	Shut Off Head	Flow Rate In LPD	Outlet	Require Power
1	V4	1	4SHUE1120	120 M	210 M	9080	1.25"	1200 Wp
2	V4	2	4SHUE2240	240 M	350 M	8400	1.25"	1800 Wp

MATERIAL DESCRIPTION

SR. No.	Parts Name	Material
1	Motor Base, Upper Housing & Lower Housing	Stainless Steel
2	Pump N.R.V & Pump Suction	Stainless Steel
3	Helicul Screw	SS 304

V4-SS DC SOLAR SUBMERSIBLE PUMPS – BLDC/PMSM

Stainless
Steel Type



DESCRIPTION

Uratom has specially design water-filled 6 pole BLDC/PMSM Stainless Steel submersible motor and Fabricated Bowl Impeller pump with maximum utilization of solar energy during sunny days, BLDC PMSM motor set has 30% higher energy efficiency then conventional ac submersible pump. V4-SS series is suitable for 4.5" or above bore well dia

- 18 slot 6 pole Patented design
- V4-SS series is special design with Stainless Steel for longer life
- Use of high grade CRNO stamping for higher efficiency
- Use of NdFeb neodymium magnet with NICKEL and marine grade coating for corrosion free long life
- NEMA motor coupling

TECHNICAL SPECIFICATION

- Water Filled BLDC/PMSM Motor
- Higher 3150 RPM
- HP Range 0.25 HP to 5 HP
- Head Range 10m to 130m
- Voltage 36V to 600V Range

SR. No.	V4	HP	Model	Head in Mtr.	Shut Off Head	Flow Rate In LPD	Outlet	Require Power
1	V4	1	4SDUE1030	30 M	50 M	45600	1.25"	1200 Wp
2	V4	1	4SDUE1060	60 M	90 M	22800	1.25"	1200 Wp
3	V4	1	4SDUE1090	90 M	120 M	13800	1.25"	1200 Wp
4	V4	2	4SDUE2030	30 M	50 M	68400	2"	1800 Wp
5	V4	2	4SDUE2050	50 M	70 M	41400	1.25"	1800 Wp
6	V4	2	4SDUE2070	70 M	100 M	27000	1.25"	1800 Wp
7	V4	2	4SDUE2100	100 M	120 M	18900	1.25"	1800 Wp
8	V4	3	4SDUE3030	30 M	50 M	114000	2.5"	3000 Wp
9	V4	3	4SDUE3050	50 M	70 M	69000	2"	3000 Wp
10	V4	3	4SDUE3070	70 M	100 M	45000	2"	3000 Wp
11	V4	3	4SDUE3100	100 M	120 M	31500	1.25"	3000 Wp
12	V4	5	4SDUE5030	30 M	50 M	182400	3"	4800 Wp
13	V4	5	4SDUE5050	50 M	70 M	110400	2.5"	4800 Wp
14	V4	5	4SDUE5070	70 M	100 M	72000	2"	4800 Wp
15	V4	5	4SDUE5100	100 M	120 M	50400	1.25"	4800 Wp
16	V4	5	4SDUE5120	120 M	150 M	45600	1.25"	4800 Wp

MATERIAL DESCRIPTION

SR. No.	Parts Name	Material
1	Motor Base, Upper Housing & Lower Housing	Stainless Steel
2	Pump N.R.V & Pump Suction	Stainless Steel
3	Bowl & Impeller	SS304

V4-SS AC SOLAR SUBMERSIBLE PUMPS

**Stainless
Steel Type**



DESCRIPTION

The 4" AC Solar Pumping Solutions developed by Uratom is solar-powered water pump system that uses a 4" AC asynchronous Motor to drive the 4" pump. The system is designed for use in remote areas where access to grid electricity is limited or non-existent, and where the availability of solar energy is abundant.

- V4-SS series is special design with Stainless Steel for longer life
- Use of high grade CRNO stamping for higher efficiency
- NEMA motor coupling

TECHNICAL SPECIFICATION

- Water Filled AC Motor
- Higher 3150 RPM
- HP Range 0.25 HP to 5 HP
- Head Range 10m to 130m
- Voltage 36V to 600V Range

SR. No.	V4	HP	Model	Head in Mtr.	Shut Off Head	Flow Rate In LPD	Outlet	Require Power
1	V4	1	4SAUE1030	30 M	50 M	42000	1.25"	1200 Wp
2	V4	1	4SAUE1060	60 M	90 M	20400	1.25"	1200 Wp
3	V4	1	4SAUE1090	90 M	120 M	12000	1.25"	1200 Wp
4	V4	2	4SAUE2030	30 M	50 M	63000	2"	1800 Wp
5	V4	2	4SAUE2050	50 M	70 M	37800	1.25"	1800 Wp
6	V4	2	4SAUE2070	70 M	100 M	25200	1.25"	1800 Wp
7	V4	2	4SAUE2100	100 M	120 M	16200	1.25"	1800 Wp
8	V4	3	4SAUE3030	30 M	50 M	105000	2.5"	3000 Wp
9	V4	3	4SAUE3050	50 M	70 M	63000	2"	3000 Wp
10	V4	3	4SAUE3070	70 M	100 M	42000	2"	3000 Wp
11	V4	3	4SAUE3100	100 M	120 M	27000	1.25"	3000 Wp
12	V4	5	4SAUE5030	30 M	50 M	168000	3"	4800 Wp
13	V4	5	4SAUE5050	50 M	70 M	100800	2.5"	4800 Wp
14	V4	5	4SAUE5070	70 M	100 M	67200	2"	4800 Wp
15	V4	5	4SAUE5100	100 M	120 M	43200	1.25"	4800 Wp
16	V4	5	4SAUE5120	120 M	150 M	40800	1.25"	4800 Wp

MATERIAL DESCRIPTION

SR. No.	Parts Name	Material
1	Motor Base, Upper Housing & Lower Housing	Stainless Steel
2	Pump N.R.V & Pump Suction	Stainless Steel
3	Bowl & Impeller	SS304

V4-CI SOLAR SUBMERSIBLE OIL-FILLED PUMPS – BLDC/PMSM Cast Iron Type



DESCRIPTION

Uratom has specially design oil-filled 6 pole BLDC/PMSM Cast Iron submersible motor and Noryl Bowl Impeller pump with maximum utilization of solar energy during sunny days, BLDC PMSM motor set has 30% higher energy efficiency then conventional ac submersible pump. V4-CI series is suitable for 4.5" or above bore well dia

- 18 slot 6 pole Patented design
- V4-CI series is special design with Cast Iron for longer life
- Use of high grade CRNO stamping for higher efficiency
- Use of NdFeb neodymium magnet with NICKEL and marine grade coating for corrosion free long life
- NEMA motor coupling

TECHNICAL SPECIFICATION

- Oil Filled BLDC/PMSM Motor
- Higher 3150 RPM
- HP Range 1 HP to 3 HP
- Head Range 10m to 100m
- Voltage 36V to 600V Range

SR. No.	V4	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate in LPD	Outlet in Inch Outlet	Require Power
1	V4	1.0	4CIODUE1030	30	50	44100	1.25"	1200 Wp
2	V4	1.0	4CIODUE1060	60	90	21300	1.0"	1200 Wp
3	V4	1.0	4CIODUE1090	90	120	12300	1.0"	1200 Wp
4	V4	2.0	4CIODUE2030	30	50	66900	2.0"	1800 Wp
5	V4	2.0	4CIODUE2050	50	70	39900	1.25"	1800 Wp
6	V4	2.0	4CIODUE2070	70	100	25500	1.25"	1800 Wp
7	V4	2.0	4CIODUE2100	100	120	17400	1.25"	1800 Wp
8	V4	3.0	4CIODUE3030	30	50	112500	2.0"	3000 Wp
9	V4	3.0	4CIODUE3050	50	70	67500	1.5'	3000 Wp
10	V4	3.0	4CIODUE3070	70	100	43500	1.5"	3000 Wp
11	V4	3.0	4CIODUE3100	100	120	30000	1.25"	3000 Wp

MATERIAL DESCRIPTION

SR. No.	Parts Name	Material
1	Motor	Stainless Steel
2	Upper Housing & Lower Housing	Casting iron
3	Pump N.R.V & Pump Suction	Casting iron
4	Bowl & Impeller	Noryl

SOLAR SUGARCANE JUICER

Cast Iron Type



DESCRIPTION

Uratom has specially design sugarcane juicer for Commercial Purpose. This sugarcane juicer especially thankful in which areas there is no lighting facilities. Used BLDC Induction motor set has 30% higher energy efficiency then Conventional ac induction motor set.

- Sugarcane juicer is special design with stainless steel for longer life
- Use of high grade CRNO stamping for higher efficiency
- Use of NdFeb neodymium magnet with NICKLE and marine grade coating for corrosion free long life
- NEMA motor coupling

TECHNICAL SPECIFICATION OF MOTOR

- | | | |
|-------------------|---------------------------|------------------------------------|
| • BLDC/PMSM Motor | • POWER: - 0.5 HP /400 W | • Weight: 45 KG |
| • 1500 RPM | • Volt/Frequency: 36 V DC | • Crushing / Capacity: 85 ltr/hour |

FEATURES

- Juice is extracted completely in single crushing. No second crushing required.
- Machine size & weight very compact, so move easily one place to another.
- Used BLDC motor so power consumption is very economical.
- Very simple and easy to operate, anyone can easily operate it, even a child can easily operate it.
- Crushes 130 Kg sugarcane in 1 Hour giving 390+ Glasses of juice each of 200ml.
- All contact parts made of high grade material.
- No maintenance required except regular cleaning. Very easy to clean.
- Machine is completely safe to operate.

V6-SS DC SOLAR SUBMERSIBLE PUMPS – BLDC/PMSM

Stainless
Steel Type



DESCRIPTION

Uratom has specially design water-filled 6 pole BLDC/PMSM Stainless Steel submersible motor and Fabricated Bowl Impeller pump with maximum utilization of solar energy during sunny days, BLDC PMSM motor set has 30% higher energy efficiency then conventional ac submersible pump. V6-SS series is suitable for 6.5" or above bore well dia

- 16 slot 6 pole Patented design
- V6-SS series is special design with Stainless Steel for longer life
- Use of high grade CRNO stamping for higher efficiency
- Use of NdFeb neodymium magnet with NICKEL and marine grade coating for corrosion free long life
- NEMA motor coupling

TECHNICAL SPECIFICATION

- Water Filled BLDC/PMSM Motor
- Higher 3150 RPM
- HP Range 5 HP to 20 HP
- Head Range 30m to 200m
- Voltage 300V to 600V Range

SR. No.	V6	HP	Model	Head in Mtr.	Shut Off Head	Flow Rate In LPD	Outlet	Require Power
1	V6	5	6SDUE5030	30 M	45M	182400	3"	4800 Wp
2	V6	5	6SDUE5050	50M	70 M	110400	2.5"	4800 Wp
3	V6	5	6SDUE5070	70 M	100 M	72000	2"	4800 Wp
4	V6	5	6SDUE5100	100 M	120 M	50400	1.5"	4800 Wp
5	V6	7.5	6SDUE7530	30 M	45 M	256500	3"	6750 Wp
6	V6	7.5	6SDUE7550	50 M	70 M	155250	2.5"	6750 Wp
7	V6	7.5	6SDUE7570	70 M	100 M	101250	2"	6750 Wp
8	V6	7.5	6SDUE75100	100 M	120 M	70875	2"	6750 Wp
9	V6	10	6SDUE1030	30 M	50 M	342000	3"	9000 Wp
10	V6	10	6SDUE1050	50 M	70 M	207000	3"	9000 Wp
11	V6	10	6SDUE1070	70 M	100 M	135000	2.5"	9000 Wp
12	V6	10	6SDUE10100	100 M	120 M	94500	2.5"	9000 Wp
13	V6	10	6SDUE10150	150 M	180 M	67500	2"	9000 Wp
14	V6	12.5	6SDUE12530	30 M	50 M	427500	4"	11250 Wp
15	V6	12.5	6SDUE12550	50 M	70 M	258750	3"	11250 Wp
16	V6	12.5	6SDUE12570	70 M	100 M	168750	3"	11250 Wp
17	V6	12.5	6SDUE125100	100 M	120 M	118125	3"	11250 Wp
18	V6	12.5	6SDUE125150	150 M	180 M	84375	2.5"	11250 Wp
19	V6	12.5	6SDUE125200	200 M	230 M	61875	2"	11250 Wp
20	V6	12.5	6SDUE125250	250 M	280 M	50625	1.5"	11250 Wp

SR. No.	V6	HP	Model	Head in Mtr.	Shut Off Head	Flow Rate In LPD	Outlet	Require Power
21	V6	12.5	6SDUE125300	300 M	320 M	50625	1.5"	11250 Wp
22	V6	15	6SDUE1530	30 M	50 M	513000	4"	13500 Wp
23	V6	15	6SDUE1550	50 M	70 M	310500	3"	13500 Wp
24	V6	15	6SDUE1570	70 M	100 M	202500	3"	13500 Wp
25	V6	15	6SDUE15100	100 M	120 M	141750	3"	13500 Wp
26	V6	15	6SDUE15150	150 M	180 M	101250	3"	13500 Wp
27	V6	15	6SDUE15200	200 M	230 M	74250	2.5"	13500 Wp
28	V6	15	6SDUE15250	250 M	280 M	60750	2"	13500 Wp
29	V6	15	6SDUE15300	300 M	320 M	50250	1.5"	13500 Wp
30	V6	15	6SDUE15350	350 M	380 M	45890	1.5"	13500 Wp
31	V6	15	6SDUE15400	400 M	430 M	38640	1.5"	13500 Wp
32	V6	17.5	6SDUE17530	30 M	50 M	598500	4"	15750 Wp
33	V6	17.5	6SDUE17550	50 M	70 M	362250	3"	15750 Wp
34	V6	17.5	6SDUE17570	70 M	100 M	236250	3"	15750 Wp
35	V6	17.5	6SDUE175100	100 M	120 M	165375	3"	15750 Wp
36	V6	17.5	6SDUE175150	150 M	180 M	118125	3"	15750 Wp
37	V6	17.5	6SDUE175200	200 M	230 M	86625	2.5"	15750 Wp
38	V6	17.5	6SDUE175250	250 M	280 M	70875	2.5"	15750 Wp
39	V6	17.5	6SDUE175300	300 M	320 M	60890	2"	15750 Wp
40	V6	17.5	6SDUE175350	350 M	380 M	50980	1.5"	15750 Wp
41	V6	17.5	6SDUE175400	400 M	430 M	45650	1.5"	15750 Wp
42	V6	20	6SDUE2030	30 M	50 M	684000	4"	18000 Wp
43	V6	20	6SDUE2050	50 M	70 M	414000	3"	18000 Wp
44	V6	20	6SDUE2070	70 M	100 M	270000	3"	18000 Wp
45	V6	20	6SDUE20100	100 M	120 M	189000	3"	18000 Wp
46	V6	20	6SDUE20150	150 M	180 M	135000	3"	18000 Wp
47	V6	20	6SDUE20200	200 M	230 M	99000	3"	18000 Wp
48	V6	20	6SDUE20250	250 M	280 M	81000	2.5"	18000 Wp
49	V6	20	6SDUE20300	300 M	320 M	72000	2.5"	18000 Wp
50	V6	20	6SDUE20350	350 M	380 M	62000	2"	18000 Wp
51	V6	20	6SDUE20400	400 M	430 M	55000	1.5"	18000 Wp

MATERIAL DESCRIPTION

SR. No.	Parts Name	Material
1	Motor Base, Upper Housing & Lower Housing	Stainless Steel
2	Pump N.R.V & Pump Suction	Stainless Steel
3	Bowl & Impeller	SS304

V6-SS AC SOLAR SUBMERSIBLE PUMPS

Stainless
Steel Type



DESCRIPTION

The 6" AC Solar Submersible Pump Set developed by Uratom is solar-powered water pump system that uses a 6" AC asynchronous Motor to drive the 6" pump. The system is designed for use in remote areas where access to grid electricity is limited or non-existent, and where the availability of solar energy is abundant.

- V6-SS series is special design with Stainless Steel for longer life
- Use of high grade CRNO stamping for higher efficiency
- NEMA motor coupling

TECHNICAL SPECIFICATION

- Water Filled AC Motor
- Higher 3150 RPM
- HP Range 5 HP to 20 HP
- Head Range 30m to 200m
- Voltage 300V to 600V Range

SR. No.	V6	HP	Model	Head in Mtr.	Shut Off Head	Flow Rate In LPD	Outlet	Require Power
1	V6	5	6SAUE5030	30 M	45M	168000	3"	4800 Wp
2	V6	5	6SAUE5050	50M	70 M	100800	2.5"	4800 Wp
3	V6	5	6SAUE5070	70 M	100 M	67200	2"	4800 Wp
4	V6	5	6SAUE5100	100 M	120 M	43200	1.5"	4800 Wp
5	V6	7.5	6SAUE7530	30 M	45 M	236250	3"	6750 Wp
6	V6	7.5	6SAUE7550	50 M	70 M	141750	2.5"	6750 Wp
7	V6	7.5	6SAUE7570	70 M	100 M	94500	2"	6750 Wp
8	V6	7.5	6SAUE75100	100 M	120 M	60750	2"	6750 Wp
9	V6	10	6SAUE1030	30 M	50 M	315000	3"	9000 Wp
10	V6	10	6SAUE1050	50 M	70 M	189000	3"	9000 Wp
11	V6	10	6SAUE1070	70 M	100 M	126000	2.5"	9000 Wp
12	V6	10	6SAUE10100	100 M	120 M	81000	2.5"	9000 Wp
13	V6	10	6SAUE10150	150 M	180 M	60300	2"	9000 Wp
14	V6	12.5	6SAUE12530	30 M	50 M	393750	4"	11250 Wp
15	V6	12.5	6SAUE12550	50 M	70 M	236250	3"	11250 Wp
16	V6	12.5	6SAUE12570	70 M	100 M	157500	3"	11250 Wp
17	V6	12.5	6SAUE125100	100 M	120 M	101250	3"	11250 Wp
18	V6	12.5	6SAUE125150	150 M	180 M	75375	2.5"	11250 Wp
19	V6	12.5	6SAUE125200	200 M	230 M	56250	2"	11250 Wp
20	V6	12.5	6SAUE125250	250 M	280 M	45000	1.5"	11250 Wp

SR. No.	V6	HP	Model	Head in Mtr.	Shut Off Head	Flow Rate In LPD	Outlet	Require Power
21	V6	12.5	6SAUE125300	300 M	320 M	35150	1.5"	11250 Wp
22	V6	15	6SAUE1530	30 M	50 M	472500	4"	13500 Wp
23	V6	15	6SAUE1550	50 M	70 M	283500	3"	13500 Wp
24	V6	15	6SAUE1570	70 M	100 M	189000	3"	13500 Wp
25	V6	15	6SAUE15100	100 M	120 M	121500	3"	13500 Wp
26	V6	15	6SAUE15150	150 M	180 M	90450	3"	13500 Wp
27	V6	15	6SAUE15200	200 M	230 M	67500	2.5"	13500 Wp
28	V6	15	6SAUE15250	250 M	280 M	54000	2"	13500 Wp
29	V6	15	6SAUE15300	300 M	320 M	45250	1.5"	13500 Wp
30	V6	15	6SAUE15350	350 M	380 M	40890	1.5"	13500 Wp
31	V6	15	6SAUE15400	400 M	430 M	33640	1.5"	13500 Wp
32	V6	17.5	6SAUE17530	30 M	50 M	551250	4"	15750 Wp
33	V6	17.5	6SAUE17550	50 M	70 M	330750	3"	15750 Wp
34	V6	17.5	6SAUE17570	70 M	100 M	220500	3"	15750 Wp
35	V6	17.5	6SAUE175100	100 M	120 M	141750	3"	15750 Wp
36	V6	17.5	6SAUE175150	150 M	180 M	105525	3"	15750 Wp
37	V6	17.5	6SAUE175200	200 M	230 M	78750	2.5"	15750 Wp
38	V6	17.5	6SAUE175250	250 M	280 M	63000	2.5"	15750 Wp
39	V6	17.5	6SAUE175300	300 M	320 M	55890	2"	15750 Wp
40	V6	17.5	6SAUE175350	350 M	380 M	45980	1.5"	15750 Wp
41	V6	17.5	6SAUE175400	400 M	430 M	40650	1.5"	15750 Wp
42	V6	20	6SAUE2030	30 M	50 M	630000	4"	18000 Wp
43	V6	20	6SAUE2050	50 M	70 M	378000	3"	18000 Wp
44	V6	20	6SAUE2070	70 M	100 M	252000	3"	18000 Wp
45	V6	20	6SAUE20100	100 M	120 M	162000	3"	18000 Wp
46	V6	20	6SAUE20150	150 M	180 M	120600	3"	18000 Wp
47	V6	20	6SAUE20200	200 M	230 M	90000	3"	18000 Wp
48	V6	20	6SAUE20250	250 M	280 M	72000	2.5"	18000 Wp
49	V6	20	6SAUE20300	300 M	320 M	67000	2.5"	18000 Wp
50	V6	20	6SAUE20350	350 M	380 M	57000	2"	18000 Wp
51	V6	20	6SAUE20400	400 M	430 M	50000	1.5"	18000 Wp

MATERIAL DESCRIPTION

SR. No.	Parts Name	Material
1	Motor Base, Upper Housing & Lower Housing	Stainless Steel
2	Pump N.R.V & Pump Suction	Stainless Steel
3	Bowl & Impeller	SS304

SCREW TYPE SELF PRIMING MONOBLOCK BLDC/PMSM PUMPSET



DESCRIPTION

Uratom has specially designed Self Priming Monoblock BLDC/PMSM Series for domestic application

- Air cool Self Priming BLDC Monoblock for higher performance with zero maintenance.
- CED coated casting static parts in motor and pump for anti-corrosion.
- CED coated Casing and impellers for Higher Discharge, Smooth Operation & Long life span.
- High grade aluminum alloy board.

SR. No.	V3	HP	Model	Head in Mtr.	Max Flow In LPM.	Duty Head In Mtr	Duty Flow In LPM.	Require Power
1	V3	0.5	SPSDUE0520	25 M	62	20 M	28	450 WP
2	V3	1.0	SPSDUE0130	35 M	63	30 M	25	900 WP

IMPELLER TYPE SELF PRIMING MONOBLOCK BLDC/PMSM PUMPSET



DESCRIPTION

Uratom has specially designed Self Priming Monoblock BLDC/PMSM Series for domestic application

- Air cool Self Priming BLDC Monoblock for higher performance with zero maintenance.
- CED coated casting static parts in motor and pump for anti-corrosion.
- CED coated Casing and impellers for Higher Discharge, Smooth Operation & Long life span.
- High grade aluminum alloy board.

SR. No.	V3	HP	Model	Head in Mtr.	Max Flow In LPM.	Duty Head In Mtr	Duty Flow In LPM.	Require Power
1	V3	0.5	SPDUE0540	50 M	56	40 M	26	450 WP
2	V3	1.0	SPDUE0190	100 M	65	90 M	20	900 WP

TECHNICAL SPECIFICATION

- 9 slot 6 pole Patented design
- HP Range upto 1.0 HP
- Higher 3150 RPM
- Water Filled BLDC/PMSM Motor
- 150 Hz operation

AC SOLAR OPENWELL



DESCRIPTION

Uratom has specially designed AC Solar Openwell Series for Open Irrigation Applications. Suitable for Well, Lake, River or Sump.

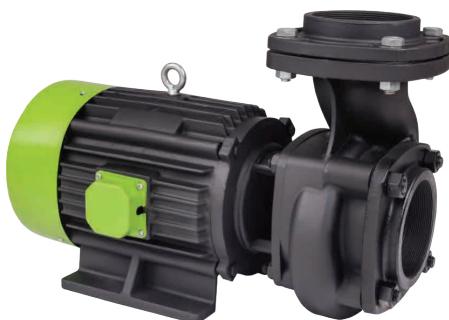
- Water filled AC Solar motor for better performance and easy repairable on remote areas.
- CED coated & SS 202 casting static parts in motor and pump for anti-corrosion.
- CED coated Casing and impellers for Higher Discharge, Smooth Operation & Long life span.
- Maintenance Coast is less then Borewell Pump set.

TECHNICAL SPECIFICATION

- Water Filled AC Motor
- Higher 2880 RPM
- HP Range 3.0 to 10 HP
- 50 Hz operation
- Flow Range upto 700 LPM

SR. No.	HP	Model	Head in Mtr.	Flow Rate in LPD	Pump Suction inch	Pump Delivery inch	Require Power
1	3.0	9SAUE320	20	147000	2.5"	2.5"	2700 Wp
2	5.0	9SAUE520	20	235200	2.5"	2.5"	4800 Wp
3	7.5	9SAUE7520	20	330750	3.0"	3.0"	6750 Wp
4	7.5	9SAUE7530	30	236250	3.0"	3.0"	6750 Wp
5	10.0	9SAUE1020	20	441000	3.0"	3.0"	9000 Wp
6	10.0	9SAUE1030	30	315000	3.0"	3.0"	9000 Wp

SURFACE MONOBLOCK DC INDUCTION PUMPSET



DESCRIPTION

Uratom has specially designed Surface Monoblock BLDC/PMSM Series for Open Irrigation Applications.

Suitable for Lake, Sump or canal.

- Air cool Surface BLDC Monoblock for higher performance with zero maintenance.
- CED coated casting static parts in motor and pump for anti-corrosion.
- CED coated Casing and impellers for Higher Discharge, Smooth Operation & Long life span.
- High grade aluminum alloy board.

TECHNICAL SPECIFICATION

- 4 slot & 6 pole Unique design
- Water Filled BLDC/PMSM Motor
- 100/150 Hz operation DC Range
- Higher 3150 RPM
- HP Range 0.5 to 2.0 HP



SR. No.	HP	Model	Head in Mtr.	Shut Off Head	Suction	Delivery	Flow Rate In LPD	Require Power
1	0.5	SMDUE0510	10 M	12 M	1.5	1.5	59400	540 Wp
2	1	SMDUE1010	10 M	12 M	1.5	1.5	99000	900 Wp
3	1	SMDUE1020	20 M	25 M	1.5	1.5	49500	900 Wp
4	1	SMDUE1030	30 M	40 M	1.5	1.5	34200	900 Wp
5	2	SMDUE2010	10 M	12 M	2	2	198000	1800 Wp
6	2	SMDUE2020	20 M	25 M	2	1.5	99000	1800 Wp
7	3	SMDUE3010	10 M	12 M	3	3	297000	2700 Wp
8	3	SMDUE3020	20 M	25 M	2.5	2	148500	2700 Wp
9	5	SMDUE5010	10 M	12 M	4	4	528000	4800 Wp
10	5	SMDUE5020	20 M	25 M	3	2.5	264000	4800 Wp
11	7.5	SMDUE7510	10 M	12 M	4	4	742500	6750 Wp
12	7.5	SMDUE7520	20 M	25 M	3	3	371250	6750 Wp
13	10	SMDUE10010	10 M	12 M	4	4	990000	9000 Wp
14	10	SMDUE10020	20 M	25 M	3	3	495000	9000 Wp

SURFACE MONOBLOCK AC INDUCTION PUMPSET



DESCRIPTION

Uratom has specially designed Surface Monoblock Induction Series for Open Irrigation Applications.

Suitable for Lake, Sump or canal.

- Air cool Surface AC Monoblock for higher performance with zero maintenance.
- CED coated casting static parts in motor and pump for anti-corrosion.
- CED coated Casing and impellers for Higher Discharge, Smooth Operation & Long life span.
- High grade aluminum alloy board.

TECHNICAL SPECIFICATION

- Air Cooled Motor
- HP Range 1 to 10 HP
- Higher 3150 RPM
- 50 Hz operation DC Range



SR. No.	HP	Model	Head in Mtr.	Shut Off Head	Suction	Delivery	Flow Rate In LPD	Require Power
1	0.5	SMAUE0510	10 M	12 M	1.5	1.5	53460	540 Wp
2	1	SMAUE1010	10 M	12 M	1.5	1.5	89100	900 Wp
3	1	SMAUE1020	20 M	25 M	1.5	1.5	44100	900 Wp
4	1	SMAUE1030	30 M	40 M	1.5	1.5	31500	900 Wp
5	2	SMAUE2010	10 M	12 M	2	2	178200	1800 Wp
6	2	SMAUE2020	20 M	25 M	2	1.5	90000	1800 Wp
7	3	SMAUE3010	10 M	12 M	3	3	267300	2700 Wp
8	3	SMAUE3020	20 M	25 M	2.5	2	132300	2700 Wp
9	5	SMAUE5010	10 M	12 M	4	4	475200	4800 Wp
10	5	SMAUE5020	20 M	25 M	3	2.5	235200	4800 Wp
11	7.5	SMAUE7510	10 M	12 M	4	4	668250	6750 Wp
12	7.5	SMAUE7520	20 M	25 M	3	3	330750	6750 Wp
13	10	SMAUE10010	10 M	12 M	4	4	891000	9000 Wp
14	10	SMAUE10020	20 M	25 M	3	3	441000	9000 Wp

SOLAR PUMP CONTROLLER AC-BLDC/PMSM



0.5 HP & 1.0 HP

- Suitable for 0.5 HP & 1.0 HP BLDC/PMSM motor
- It can work with any pole of motor
- Suitable for BLDC & PMSM motor
- Suitable for polycrystalline and monoperk solar panel
- Also available in AC & DC hybrid model



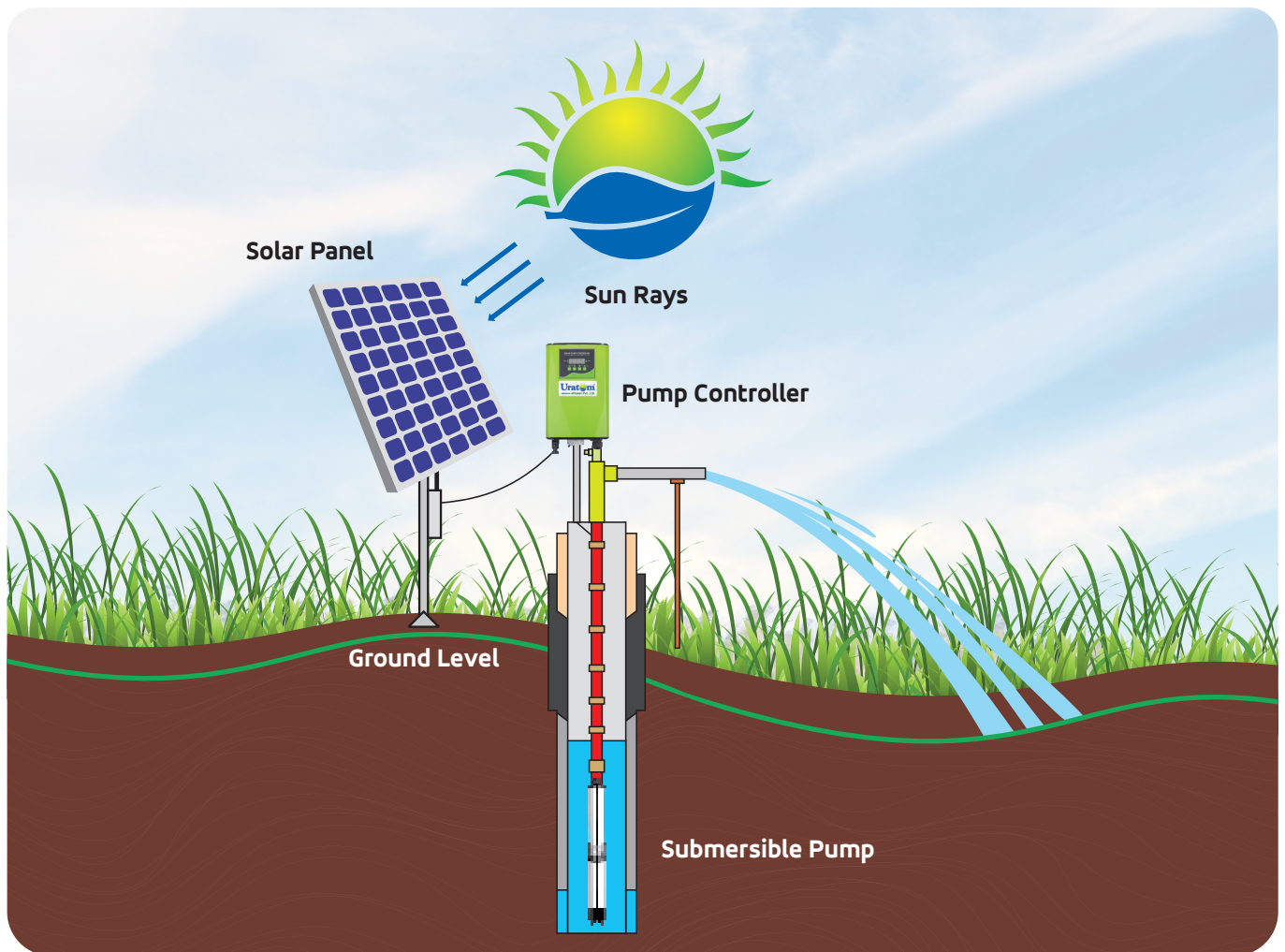
2.0 HP, 3.0 HP & 5.0 HP

- Suitable for 2.0 HP & 3.0 HP BLDC/PMSM motor
- It can work with any pole of motor
- Suitable for AC, BLDC & PMSM motor
- Suitable for polycrystalline and monoperk solar panel
- Also available in AC & DC hybrid model
- RMS with 4G Technology
- Compatible with New 535 Monoperk Panel



7.5 HP & 10 HP

- Suitable for 5.0 HP, 7.5 HP & 10 HP BLDC/PMSM motor
- It can work with any pole of motor
- Suitable for AC, BLDC & PMSM motor
- Suitable for polycrystalline and monoperk solar panel
- Also available in AC & DC hybrid model



GST & BANK DETAILS

Uratom ePower Private Limited

GST No.	24AACCU8289J1ZS
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Bank Details :

Bank Name :	Kotak Mahindra Bank
Account Name :	Uratom ePower Private Limited
Account Number :	9898262143
IFSC Code :	KKBK0002788
Branch :	Gondal

Terms & Condition Apply :

- 1) GST 12% Will Be Extra.
- 2) Payment 100% Advance with clear commercial order.
- 3) Water outputs are on clear sunny days with three times solar panel tracking.
- 4) Breakage, shortage or loss in transient will be on buyer's scope.
- 5) All disputes subject Rajkot jurisdiction only.
- 6) 1 Year off site warranty against manufacturing defects.
- 7) During warranty period freight charges on buyers scope.



OFFICE & FACTORY

URATOM EPOWER PVT. LTD.

Survey No. 752/P1, National Highway 27, Near Chordi Village,
Gondal - 360 311 - Gujarat, INDIA.

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