

SOLAR BLDC
PUMPING SOLUTIONS

Uratom[®]
ePower Pvt. Ltd.



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



Hiramrut
Serving Solar Industry Since 1984

“ 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. (UEPL) – AN ISO 9001: 2015 & 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 of 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.

Motor Diameter in Inch

3" – CI SOLAR SUBMERSIBLE OIL-COOLED 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.	Motor Diameter in Inch	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate in LPM	Outlet in Inch Outlet	Require Power
1	3"	0.5	3CIDUE0530	30	45	21	1.5"	600 Wp
2	3"	1.0	3CIDUE1030	30	45	38	1.5"	1000 Wp
3	3"	1.0	3CIDUE1060	60	90	26	1.25"	1000 Wp
4	3"	2.0	3CIDUE2090	90	120	21	1.25"	2000 Wp

MATERIAL DESCRIPTION

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

Motor Diameter in Inch

3" – SS SOLAR SUBMERSIBLE OIL-COOLED PUMPS – BLDC/PMSM

Stainless
Steel Type


DESCRIPTION

Uratom has specially design oil-filled 6 pole BLDC/PMSM Stainless Steel 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-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

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

SR. No.	Motor Diameter in Inch	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate in LPM	Outlet in Inch Outlet	Require Power
1	3"	0.5	3SSODUE0530	30	45	24	1.5"	600 Wp
2	3"	1.0	3SSODUE1030	30	45	38	1.5"	1000 Wp
3	3"	1.0	3SSODUE1060	60	90	24	1.25"	1000 Wp
4	3"	2.0	3SSODUE2090	90	120	21	1.25"	2000Wp

MATERIAL DESCRIPTION

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

Motor Diameter in Inch

4" – CI SOLAR SUBMERSIBLE OIL-COOLED 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 3 HP
- Head Range 10m to 130m
- Voltage 36V to 400V Range

SR. No.	Motor Diameter in Inch	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate in LPM	Outlet in Inch Outlet	Require Power
1	4"	1.0	4CIDUE1030	30	45	68	1.5"	1000 Wp
2	4"	1.0	4CIDUE1060	60	90	25	1.0"	1000 Wp
3	4"	1.0	4CIDUE1090	90	120	11	1.0"	1000 Wp
4	4"	2.0	4CIDUE2030	30	45	142	2.0"	2000 Wp
5	4"	2.0	4CIDUE2050	50	70	82	1.5"	2000 Wp
6	4"	2.0	4CIDUE2070	70	100	50	1.25"	2000 Wp
7	4"	2.0	4CIDUE2100	100	120	36	1.25"	2000 Wp
8	4"	3.0	4CIDUE3030	30	45	240	2.0"	3000 Wp
9	4"	3.0	4CIDUE3050	50	70	115	1.5'	3000 Wp
10	4"	3.0	4CIDUE3070	70	100	87	1.5"	3000 Wp
11	4"	3.0	4CIDUE3100	100	120	58	1.25"	3000 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

Motor Diameter in Inch

4" – 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.	Motor Diameter in Inch	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate In LPM	Outlet	Require Power
1	4"	1	4SHUE1120	120 M	210 M	22	1.25"	1000 Wp
2	4"	2	4SHUE2240	240 M	350 M	20	1.25"	2000 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

Motor Diameter in Inch

4" – SS DC SOLAR SUBMERSIBLE PUMPS WATER COOLED – 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 200m
- Voltage 36V to 600V Range

SR. No.	Motor Diameter in Inch	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate In LPM	Outlet	Require Power
1	4"	1	4SDUE1030	30 M	45 M	76	1.25"	1000 Wp
2	4"	1	4SDUE1060	60 M	90 M	28	1.25"	1000 Wp
3	4"	1	4SDUE1090	90 M	120 M	14	1.25"	1000 Wp
4	4"	2	4SDUE2030	30 M	45 M	156	2"	2000 Wp
5	4"	2	4SDUE2050	50 M	70 M	93	1.25"	2000 Wp
6	4"	2	4SDUE2070	70 M	100 M	55	1.25"	2000 Wp
7	4"	2	4SDUE2100	100 M	120 M	48	1.25"	2000 Wp
8	4"	2	4SDUE2120	120 M	150 M	32	1.25"	2000 Wp
9	4"	2	4SDUE2150	150 M	200 M	23	1"	2000 Wp
10	4"	3	4SDUE3030	30 M	45 M	271	2.5"	3000 Wp
11	4"	3	4SDUE3050	50 M	70 M	150	2"	3000 Wp
12	4"	3	4SDUE3070	70 M	100 M	107	2"	3000 Wp
13	4"	3	4SDUE3100	100 M	120 M	75	1.25"	3000 Wp
14	4"	3	4SDUE3120	120 M	150 M	67	1.25"	3000 Wp
15	4"	3	4SDUE3150	150 M	200 M	45	1.25"	3000 Wp
16	4"	3	4SDUE3170	170 M	220 M	33	1.25"	3000 Wp
17	4"	5	4SDUE5030	30 M	45 M	43	3"	5000 Wp
18	4"	5	4SDUE5050	50 M	70 M	230	2.5"	5000 Wp
19	4"	5	4SDUE5070	70 M	100 M	171	2"	5000 Wp
20	4"	5	4SDUE5100	100 M	120 M	120	1.25"	5000 Wp
21	4"	5	4SDUE5120	120 M	150 M	85	1.25"	5000 Wp
22	4"	5	4SDUE5150	150 M	200 M	62	1.25"	5000 Wp
23	4"	5	4SDUE5200	200 M	250 M	51	1.25"	5000 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

Motor Diameter in Inch

4" – SS AC SOLAR SUBMERSIBLE PUMPS WATER COOLED

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.	Motor Diameter in Inch	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate In LPM	Outlet	Require Power
1	4"	1	4SAUE1030	30 M	45 M	71	1.25"	1000 Wp
2	4"	1	4SAUE1060	60 M	90 M	21	1.25"	1000 Wp
3	4"	1	4SAUE1090	90 M	120 M	11	1.25"	1000 Wp
4	4"	2	4SAUE2030	30 M	45 M	144	2"	2000 Wp
5	4"	2	4SAUE2050	50 M	70 M	88	1.25"	2000 Wp
6	4"	2	4SAUE2070	70 M	100 M	50	1.25"	2000 Wp
7	4"	2	4SAUE2100	100 M	120 M	42	1.25"	2000 Wp
8	4"	3	4SAUE3030	30 M	45 M	250	2.5"	3000 Wp
9	4"	3	4SAUE3050	50 M	70 M	142	2"	3000 Wp
10	4"	3	4SAUE3070	70 M	100 M	100	2"	3000 Wp
11	4"	3	4SAUE3100	100 M	120 M	27	1.25"	3000 Wp
12	4"	5	4SAUE5030	30 M	45 M	400	3"	5000 Wp
13	4"	5	4SAUE5050	50 M	70 M	218	2.5"	5000 Wp
14	4"	5	4SAUE5070	70 M	100 M	160	2"	5000 Wp
15	4"	5	4SAUE5100	100 M	120 M	102	1.25"	5000 Wp
16	4"	5	4SAUE5120	120 M	150 M	97	1.25"	5000 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

Motor Diameter in Inch

4" – SS SOLAR SUBMERSIBLE OIL-COOLED PUMPS – BLDC/PMSM

Stainless
Steel Type



DESCRIPTION

Uratom has specially design oil-filled 6 pole BLDC/PMSM Stainless Steel 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-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

- Oil Filled BLDC/PMSM Motor
- Higher 3150 RPM
- HP Range 1 HP to 3 HP
- Head Range 10m to 170m
- Voltage 36V to 400V Range

SR. No.	Motor Diameter in Inch	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate in LPM	Outlet in Inch Outlet	Require Power
1	4"	1.0	4SODUE1030	30	45	76	1.25"	1000 Wp
2	4"	1.0	4SODUE1060	60	90	28	1.0"	1000 Wp
3	4"	1.0	4SODUE1090	90	120	14	1.0"	1000 Wp
4	4"	2.0	4SODUE2030	30	45	156	2.0"	2000 Wp
5	4"	2.0	4SODUE2050	50	70	93	1.25"	2000 Wp
6	4"	2.0	4SODUE2070	70	100	55	1.25"	2000 Wp
7	4"	2.0	4SODUE2100	100	120	48	1.25"	2000 Wp
8	4"	2.0	4SODUE2120	120	150	32	1.25"	2000 Wp
9	4"	2.0	4SODUE2150	150	200	23	1"	2000 Wp
10	4"	3.0	4SODUE3030	30	45	271	2.5"	3000 Wp
11	4"	3.0	4SODUE3050	50	70	150	1.5"	3000 Wp
12	4"	3.0	4SODUE3070	70	100	107	1.5"	3000 Wp
13	4"	3.0	4SODUE3100	100	120	75	1.25"	3000 Wp
14	4"	3.0	4SODUE3120	120	180	67	1.25"	3000 Wp
15	4"	3.0	4SODUE3150	150	200	45	1.25"	3000 Wp
16	4"	3.0	4SODUE3170	170	220	33	1.25"	3000 Wp

MATERIAL DESCRIPTION

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

Motor Diameter in Inch

6" – SS DC SOLAR SUBMERSIBLE PUMPS WATER COOLED 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 300m
- Voltage 300V to 600V Range

SR. No.	Motor Diameter in Inch	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate In LPM	Outlet	Require Power
1	6"	5	6SDUE5030	30 M	45M	434	3"	5000 Wp
2	6"	5	6SDUE5050	50M	70 M	240	2.5"	5000 Wp
3	6"	5	6SDUE5070	70 M	100 M	171	2"	5000 Wp
4	6"	5	6SDUE5100	100 M	120 M	120	1.5"	5000 Wp
5	6"	7.5	6SDUE7530	30 M	45 M	610	3"	7000 Wp
6	6"	7.5	6SDUE7550	50 M	70 M	369	2.5"	7000 Wp
7	6"	7.5	6SDUE7570	70 M	100 M	241	2"	7000 Wp
8	6"	7.5	6SDUE75100	100 M	150 M	120	2"	7000 Wp
9	6"	7.5	6SDUE75200	200 M	250 M	78	1.5"	7000 Wp
10	6"	7.5	6SDUE75300	300 M	350 M	52	1.5"	7000 Wp
11	6"	10	6SDUE1030	30 M	45 M	814	3"	9000 Wp
12	6"	10	6SDUE1050	50 M	70 M	492	3"	9000 Wp
13	6"	10	6SDUE1070	70 M	100 M	312	2.5"	9000 Wp
14	6"	10	6SDUE10100	100 M	120 M	225	2.5"	9000 Wp
15	6"	10	6SDUE10150	150 M	200 M	160	1.5"	9000 Wp
16	6"	10	6SDUE10200	200 M	250 M	104	1.5"	9000 Wp
17	6"	10	6SDUE10300	300 M	350 M	75	1.5"	9000 Wp
18	6"	12.5	6SDUE1230	30 M	45 M	1017	4"	11000 Wp
19	6"	12.5	6SDUE1250	50 M	70 M	616	3"	11000 Wp
20	6"	12.5	6SDUE1270	70 M	100 M	401	3"	11000 Wp
21	6"	12.5	6SDUE12100	100 M	150 M	281	3"	11000 Wp
22	6"	12.5	6SDUE12150	150 M	200 M	200	2.5"	11000 Wp
23	6"	12.5	6SDUE12200	200 M	250 M	147	2"	11000 Wp
24	6"	12.5	6SDUE12250	250 M	300 M	120	1.5"	11000 Wp

SR. No.	Motor Diameter in Inch	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate In LPM	Outlet	Require Power
21	6"	12.5	6SDUE125300	300 M	320 M	120	1.5"	11000 Wp
22	6"	15	6SDUE1530	30 M	45 M	1221	4"	13500 Wp
23	6"	15	6SDUE1550	50 M	70 M	739	3"	13500 Wp
24	6"	15	6SDUE1570	70 M	100 M	482	3"	13500 Wp
25	6"	15	6SDUE15100	100 M	120 M	337	3"	13500 Wp
26	6"	15	6SDUE15150	150 M	180 M	241	3"	13500 Wp
27	6"	15	6SDUE15200	200 M	230 M	176	2.5"	13500 Wp
28	6"	15	6SDUE15250	250 M	280 M	144	2"	13500 Wp
29	6"	15	6SDUE15300	300 M	320 M	119	1.5"	13500 Wp
30	6"	15	6SDUE15350	350 M	380 M	109	1.5"	13500 Wp
31	6"	15	6SDUE15400	400 M	430 M	92	1.5"	13500 Wp
32	6"	17.5	6SDUE17530	30 M	45 M	1425	4"	15500 Wp
33	6"	17.5	6SDUE17550	50 M	70 M	862	3"	15500 Wp
34	6"	17.5	6SDUE17570	70 M	100 M	562	3"	15500 Wp
35	6"	17.5	6SDUE175100	100 M	120 M	303	3"	15500 Wp
36	6"	17.5	6SDUE175150	150 M	180 M	281	3"	15500 Wp
37	6"	17.5	6SDUE175200	200 M	230 M	206	2.5"	15500 Wp
38	6"	17.5	6SDUE175250	250 M	280 M	168	2.5"	15500 Wp
39	6"	17.5	6SDUE175300	300 M	320 M	144	2"	15500 Wp
40	6"	17.5	6SDUE175350	350 M	380 M	121	1.5"	15500 Wp
41	6"	17.5	6SDUE175400	400 M	430 M	108	1.5"	15500 Wp
42	6"	20	6SDUE2030	30 M	45 M	1628	4"	18000 Wp
43	6"	20	6SDUE2050	50 M	70 M	985	3"	18000 Wp
44	6"	20	6SDUE2070	70 M	100 M	642	3"	18000 Wp
45	6"	20	6SDUE20100	100 M	120 M	450	3"	18000 Wp
46	6"	20	6SDUE20150	150 M	180 M	321	3"	18000 Wp
47	6"	20	6SDUE20200	200 M	230 M	235	3"	18000 Wp
48	6"	20	6SDUE20250	250 M	280 M	192	2.5"	18000 Wp
49	6"	20	6SDUE20300	300 M	320 M	171	2.5"	18000 Wp
50	6"	20	6SDUE20350	350 M	380 M	147	2"	18000 Wp
51	6"	20	6SDUE20400	400 M	430 M	130	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

Motor Diameter in Inch

6" – SS AC SOLAR SUBMERSIBLE PUMPS WATER COOLED

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 300m
- Voltage 300V to 1100V Range

SR. No.	Motor Diameter in Inch	HP	Model	Head in Mtr.	Max Head in Mtr.	Flow Rate In LPM	Outlet	Require Power
1	6"	5	6SAUE5030	30 M	45M	400	3"	5000 Wp
2	6"	5	6SAUE5050	50M	70 M	220	2.5"	5000 Wp
3	6"	5	6SAUE5070	70 M	100 M	160	2"	5000 Wp
4	6"	5	6SAUE5100	100 M	120 M	102	1.5"	5000 Wp
5	6"	7.5	6SAUE7530	30 M	45 M	562	3"	7000 Wp
6	6"	7.5	6SAUE7550	50 M	70 M	337	2.5"	7000 Wp
7	6"	7.5	6SAUE7570	70 M	100 M	225	2"	7000 Wp
8	6"	7.5	6SAUE75100	100 M	120 M	144	2"	7000 Wp
9	6"	7.5	6SAUE75200	200 M	250 M	71	1.5"	7000 Wp
10	6"	7.5	6SAUE75300	300 M	350 M	46	1.5"	7000 Wp
11	6"	10	6SAUE1030	30 M	45 M	750	3"	9000 Wp
12	6"	10	6SAUE1050	50 M	70 M	450	3"	9000 Wp
13	6"	10	6SAUE1070	70 M	100 M	300	2.5"	9000 Wp
14	6"	10	6SAUE10100	100 M	120 M	192	2.5"	9000 Wp
15	6"	10	6SAUE10150	150 M	180 M	143	2"	9000 Wp
16	6"	10	6SAUE10200	200 M	250 M	96	1.5"	9000 Wp
17	6"	10	6SAUE10300	300 M	350 M	70	1.5"	9000 Wp
18	6"	12.5	6SAUE12530	30 M	45 M	937	4"	11000 Wp
19	6"	12.5	6SAUE12550	50 M	70 M	562	3"	11000 Wp
20	6"	12.5	6SAUE12570	70 M	100 M	375	3"	11000 Wp
21	6"	12.5	6SAUE125100	100 M	120 M	241	3"	11000 Wp
22	6"	12.5	6SAUE125150	150 M	180 M	179	2.5"	11000 Wp
23	6"	12.5	6SAUE125200	200 M	230 M	133	2"	11000 Wp
24	6"	12.5	6SAUE125250	250 M	280 M	107	1.5"	11000 Wp

SCREW TYPE SELF PRIMING MONOBLOCK AIR COOLED 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.	HP	Model	Max Head in Mtr.	Max Flow In LPM.	Duty Head In Mtr	Duty Flow In LPM.	Require Power
1	0.25	SPSDUE0540	50 M	56	40 M	26	450 WP
2	1.0	SPSDUE1070	100 M	65	70 M	28	1000 WP

IMPELLER TYPE SELF PRIMING MONOBLOCK AIR COOLED 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.	HP	Model	Max Head in Mtr.	Max Flow In LPM.	Duty Head In Mtr	Duty Flow In LPM.	Require Power
1	0.5	SPDUE0520	25 M	62	20 M	28	600 WP
2	1.0	SPDUE1030	35 M	63	30 M	25	1000 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 WATER COOLED



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 LPM	Pump Suction inch	Pump Delivery inch	Require Power
1	3.0	9SAUE320	20	350	2.5"	2.5"	3000 Wp
2	5.0	9SAUE520	20	560	2.5"	2.5"	5000 Wp
3	7.5	9SAUE7520	20	787	3.0"	3.0"	7000 Wp
4	7.5	9SAUE7530	30	562	3.0"	3.0"	7000 Wp
5	10.0	9SAUE1020	20	1050	3.0"	3.0"	9000 Wp
6	10.0	9SAUE1030	30	750	3.0"	3.0"	9000 Wp

SURFACE MONOBLOCK DC – BLDC/PMSM



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 10 HP



SR. No.	HP	Model	Head in Mtr.	Max Head in Mtr.	Suction	Delivery	Flow Rate In LPM	Require Power
1	0.5	SMDUE0510	10 M	12 M	1.5	1.5	110	600 Wp
2	1	SMDUE1010	10 M	12 M	2	2	203	1000 Wp
3	1	SMDUE1020	20 M	25 M	1.5	1.5	120	1000 Wp
4	1	SMDUE1030	30 M	40 M	1.5	1.5	60	1000 Wp
5	2	SMDUE2010	10 M	12 M	2.5	2.5	471	2000 Wp
6	2	SMDUE2020	20 M	25 M	2	2	235	2000 Wp
7	3	SMDUE3010	10 M	12 M	3	3	707	3000 Wp
8	3	SMDUE3020	20 M	25 M	2.5	2	353	3000 Wp
9	5	SMDUE5010	10 M	12 M	4	4	1257	3000 Wp
10	5	SMDUE5020	20 M	25 M	3	2.5	629	3000 Wp
11	7.5	SMDUE7510	10 M	12 M	4	4	1768	7000 Wp
12	7.5	SMDUE7520	20 M	25 M	3	3	884	7000 Wp
13	10	SMDUE10010	10 M	12 M	4	4	2357	7000 Wp
14	10	SMDUE10020	20 M	25 M	3	3	1179	9000 Wp

SURFACE MONOBLOCK AC – BLDC/PMSM



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 0.5 to 10 HP
- Higher 3150 RPM
- 50 Hz operation DC Range



SR. No.	HP	Model	Head in Mtr.	Max Head in Mtr.	Suction	Delivery	Flow Rate In LPM	Require Power
1	0.5	SMAUE0510	10 M	12 M	1.5	1.5	92	600 Wp
2	1	SMAUE1010	10 M	12 M	2	2	182	1000 Wp
3	2	SMAUE2010	10 M	12 M	2	2	424	2000 Wp
4	2	SMAUE2020	20 M	25 M	2	1.5	214	2000 Wp
5	3	SMAUE3010	10 M	12 M	3	3	636	3000 Wp
6	3	SMAUE3020	20 M	25 M	2.5	2	315	3000 Wp
7	5	SMAUE5010	10 M	12 M	4	4	1131	5000 Wp
8	5	SMAUE5020	20 M	25 M	3	2.5	560	5000 Wp
9	7.5	SMAUE7510	10 M	12 M	4	4	1591	7000 Wp
10	7.5	SMAUE7520	20 M	25 M	3	3	788	7000 Wp
11	10	SMAUE10010	10 M	12 M	4	4	2121	9000 Wp
12	10	SMAUE10020	20 M	25 M	3	3	1050	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
- Compitable 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

SOLAR SUGARCANE JUICER

Stainless Steel 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.

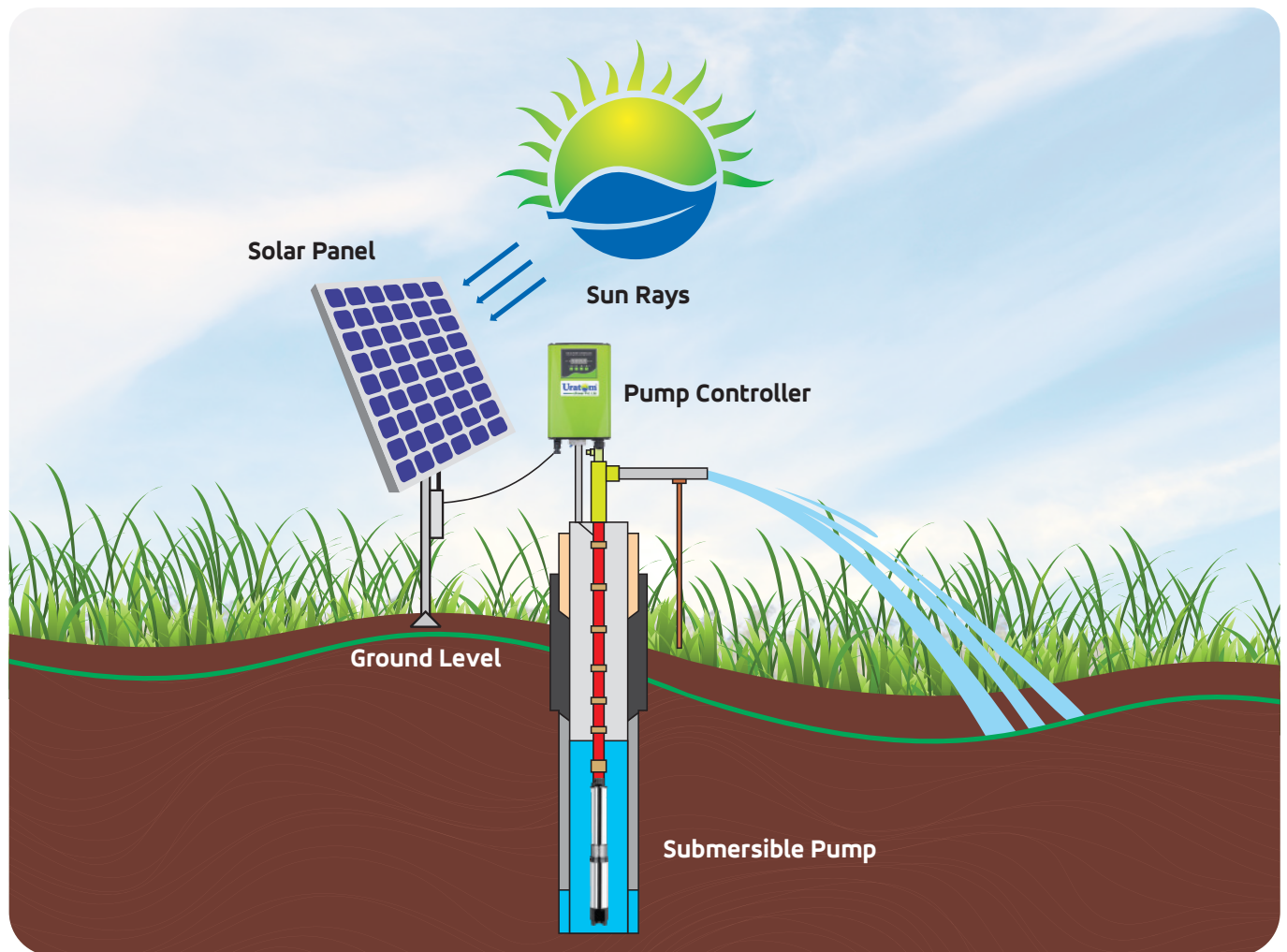
- Sugarcane juicer is special design with stainless steel for longer life
- Use of high grade CRNO stamping for higher efficiency
- Use of NdFeb neodymium magnet with NICKLE and marine grade coating for corrosion free long life
- NEMA motor coupling

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.



GST & BANK DETAILS

Uratom ePower Private Limited

GST No. 24AACCU8289J1ZS

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.

UGANDA FACTORY & OFFICE

GOLDSTAR VENTURES LIMITED

Buikwe, Njeru Municipality,
Njeru Division, PO Box 902744, Uganda.

KENYA BRANCH OFFICE

URATOM EMPOWER LTD.

VBL Building,
Off National Park East Gate Road, Nairobi.

TANZANIA BRANCH OFFICE

GOLD STAR BRANCH (T) LIMITED

P.O. box 8869 Kariakoo, Livingstone
Na Kariakoo Street, Tanzania.

☎ Mo No. +256 759672135
📞 Whatsapp No. +91 98982 62146
✉ pumps@uratom.com
🌐 www.uratomepower.com

