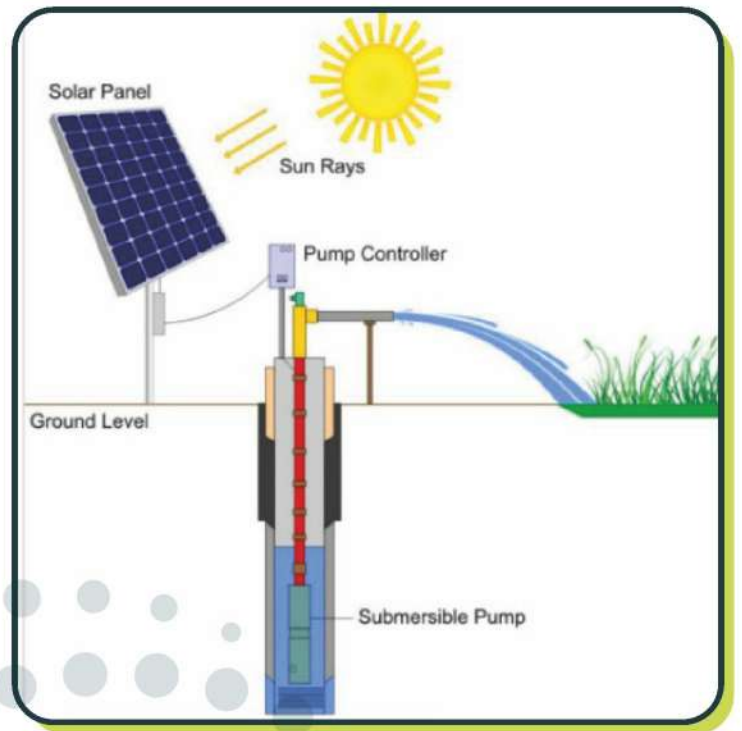


Where Quality Meets Innovation



ABOUT TOYA PUMPS

Our Pumps design is very reliable & with updated technology. Product Design is base on low wear & tear losses with Good power factor. Our try is always provide more water output with Low energy consumption. We are believe "Were quality meets innovation".



RANGE OF PUMPS

We have in-house manufacturing of Stainless still & Cast iron 1HP to 30HP AC Submersible Pump set and Stainless still 1HP to 20 HP PMSM Submersible as well as 1HP to 7.5HP Monoblock AC/PMSM Pumps.

We are Manufacturing 2HP to 10HP open well pump set with head range 10Mtr to 55 Mtr.

BENEFITS OF TOYA PUMPS

Rugged Construction | Easy Installation | No conventional grid electricity required | Long operating life | Highly reliable and durable | Easy to operate and maintain | Eco friendly | No fuel cost.



AC SOLAR SUBMERSIBLE PUMP SET (SS/NORYL)

MODEL NAME	HP	MOTOR VOLTAGE (3PH.) AC	HEAD	DELIVERY SIZE	TYPE MOTOR X PUMP	ARRAY POWER IN WP	LPD	PV MODULE USED	NO. IN SERIES X NO. IN PARALLEL
FLI01/30	1	72	30	40	4" x 4"	1200	18500	400 Wp.	3 X 1
FLI01/50			50	32	4" x 4"	1200	9800	400 Wp.	3 X 1
FLI01/70			70	32	4" x 4"	1200	5000	400 Wp.	3 X 1
FLI02/30	2	120	30	50	4" x 4"	1800	52100	500 Wp.	4 X 1
FLI02/50			50	40	4" x 4"	1800	40000	500 Wp.	4 X 1
FLI02/70			70	32	4" x 4"	1800	21800	500 Wp.	4 X 1
FLI02/100			100	32	4" x 4"	1800	16200	500 Wp.	4 X 1
FLI03/25	3	160	25	65	4" x 4"	3000	109500	500 Wp.	6 X 1
FLI03/50			50	50	4" x 4"	3000	43500	500 Wp.	6 X 1
FLI03/70			70	40	4" x 4"	3000	35200	500 Wp.	6 X 1
FLI03/100			100	32	4" x 4"	3000	23700	500 Wp.	6 X 1
FLI03/120			120	32	4" x 4"	3000	14200	500 Wp.	6 X 1
FLI03/150			150	32	4" x 4"	3000	9400	500 Wp.	6 X 1
FLI05/30	5	260	30	65	4" x 4"	4800	120300	535 Wp.	9 X 1
FLI05/50			50	50	4" x 4"	4800	55200	535 Wp.	9 X 1
FLI05/70			70	50	4" x 4"	4800	42500	535 Wp.	9 X 1
FLI05/100			100	40	4" x 4"	4800	38500	535 Wp.	9 X 1
FLI05/150			150	32	4" x 4"	4800	23600	535 Wp.	9 X 1
FLI05/200			200	32	4" x 4"	4800	11400	535 Wp.	9 X 1

SOLAR AC CAST IRON /SS PUMP SET

MODEL NAME	HP	MOTOR VOLTAGE (3PH.)AC	HEAD	DELIVERY SIZE	TYPE MOTOR X PUMP	ARRAY POWERIN WP	LPD	PV MODULE USED	NO.IN SERIES X NO.IN PARALLEL
6FLI05/30	5	260	30	65	6" x 6"	4800	168000	535 Wp.	9 X 1
6FLI05/50			50	50	6" x 6"	4800	102000	535 Wp	9 X 1
6FLI05/70			70	50	6" x 6"	4800	69000	535 Wp	9 X 1
6FLI05/100			100	50	6" x 6"	4800	42000	535 Wp	9 X 1
6FLI75/30	7.5	380	30	80	6" x 6"	7000	215000	525 Wp.	13 X 1
6FLI75/50			50	65	6" x 6"	7000	170500	525 Wp.	13 X 1
6FLI75/70			70	50	6" x 6"	7000	99500	525 Wp.	13 X 1
6FLI75/100			100	50	6" x 6"	7000	78000	525 Wp.	13 X 1
6FLI75/120			120	50	6" x 6"	7000	60000	525 Wp.	13 X 1
6FLI75/140			140	50	6" x 6"	7000	39000	525 Wp.	13 X 1
6FLI10/30	10	460	30	80	6" x 6"	9100	270000	535 Wp.	17 X 1
6FLI10/50			50	80	6" x 6"	9100	188500	535 Wp.	17 X 1
6FLI10/70			70	65	6" x 6"	9100	128600	535 Wp.	17 X 1
6FLI10/100			100	50	6" x 6"	9100	98200	535 Wp.	17 X 1
6FLI10/120			120	50	6" x 6"	9100	78000	535 Wp.	17 X 1
6FLI10/150			150	50	6" x 6"	9100	60000	535 Wp.	17 X 1
6FLI10/180			180	50	6" x 6"	9100	43500	535 Wp.	17 X 1
6FLI10/200			200	50	6" x 6"	9100	36000	535 Wp.	17 X 1

SPECIFICATIONS FOR THE AC MOTORS

Motor Rating	1 HP	2 HP	3 HP	5 HP	7.5 HP	10 HP
Rated Voltage	72V, 3 Ph	120V, 3 Ph	160V, 3 Ph	260V, 3 Ph	380V, 3 Ph	420V, 3 Ph
Rated Current	9.0	11.5	12.5	12	15	16
Insulation Class	B	B	B	B	B	B
Motor OD	96 mm	96 mm	96/146 mm	96/146 mm	146 mm	146 mm
Frequency	0-50 Hz	0-50 Hz	0-50 Hz	0-50 Hz	0-50 Hz	0-50 Hz
RPM	2850	2850	2850	2850	2850	2850

SUMMARY OF AC SOLAR PUMPSET

HP	1	2	3	5	7.5	10
Max. Head Range (MTR)	30 - 70	30 - 120	30 - 150	30 - 200	30 - 250	30 - 300
Max. Discharge range (LPM)	60 - 20	160 - 20	270 - 30	450 - 40	650 - 50	900 - 60

DC SOLAR PUMP SET (OIL FILLED) SS/NORYL

MODEL NAME	HP	MOTOR VOLTAGE (3PH.) AC	HEAD	DELIVERY SIZE	TYPE MOTOR X PUMP	ARRAY POWER IN WP	LPD	PV MODULE USED	NO. IN SERIES X NO. IN PARALLEL
OFS01/30P	1	72	30	40	4" x 4"	1200	20500	400 Wp.	3 X 1
OFS01/50P			50	32	4" x 4"	1200	10500	400 Wp	3 X 1
OFS01/70P			70	32	4" x 4"	1200	5000	400 Wp	3 X 1
OFS02/30P	2	120	30	50	4" x 4"	1800	62000	500 Wp.	4 X 1
OFS02/50P			50	40	4" x 4"	1800	41000	500 Wp.	4 X 1

OFS02/70P			70	32	4" x 4"	1800	26500	500 Wp.	4 X 1
OFS02/100P			100	32	4" x 4"	1800	17200	500 Wp.	4 X 1
OFS03/25P			3	160	25	65	4" x 6"	3000	120000
OFS03/50P	50	50			4" x 4"	3000	70000	500 Wp.	6 X 1
OFS03/70P	70	40			4" x 4"	3000	44000	500 Wp.	6 X 1
OFS03/100P	100	32			4" x 4"	3000	32000	500 Wp.	6 X 1
OFS03/120P	120	32			4" x 4"	3000	15600	500 Wp.	6 X 1
OFS03/150P	150	32			4" x 4"	3000	9500	500 Wp.	6 X 1
OFS05/30P	5	260	30	65	4" x 6"	4800	182000	535 Wp	9 X 1
OFS05/50P			50	50	4" x 6"	4800	109000	535 Wp	9 X 1
OFS05/70P			70	50	4" x 4"	4800	69500	535 Wp	9 X 1
OFS05/100P			100	40	4" x 4"	4800	46800	535 Wp.	9 X 1
OFS05/150P			150	32	4" x 4"	4800	24000	535 Wp.	9 X 1
OFS05/200P			200	32	4" x 4"	4800	12300	535 Wp.	9 X 1

SPECIFICATIONS FOR THE DC MOTORS

Motor Details: DC SUBMERSIBLE MOTORS

Motor Rating	1 HP	2 HP	3 HP	5 HP	7.5 HP	10 HP
Rated Voltage	72V, 3 Ph	120V, 3 Ph	160V, 3 Ph	260V, 3 Ph	380V, 3 Ph	420V, 3 Ph
Rated Current	8.5	11.5	12.5	13	13	15
Insulation Class	B	B	B	B	B	B
Motor OD	96 mm	96 mm	96 mm	96 mm	96 mm	96 mm
Frequency	0-110 Hz	0-110 Hz	0-110 Hz	0-110 Hz	0-110 Hz	0-110 Hz
RPM	3300	3300	3300	3300	3300	3300

SOLAR STAINLESS STEEL DC WATER FILLED PUMP SET

MODEL NAME	HP	MOTOR VOLTAGE (3PH.) AC	HEAD	DELIVERY SIZE	TYPE MOTOR X PUMP	ARRAY POWER IN WP	LPD	PV MODULE USED	NO. IN SERIES X NO. IN PARALLEL
FRI01-30/08P	1	72	30	40	4" x 4"	1200	20000	400 Wp.	3 X 1
FRI01-50/12P			50	32	4" x 4"	1200	10000	400 Wp.	3 X 1
FRI01-70/15P			70	32	4" x 4"	1200	5000	400 Wp.	3 X 1
FRI01-100/18P			100	32	4" x 4"	1200	2500	500 Wp.	3 X 1
FRI02-30/07P	2	120	30	50	4" x 4"	1800	62000	500 Wp.	4 X 1
FRI02-50/13P			50	40	4" x 4"	1800	40500	500 Wp.	4 X 1
FRI02-70/15P			70	32	4" x 4"	1800	27000	500 Wp.	4 X 1
FRI02-100/18P			100	32	4" x 4"	1800	17000	500 Wp.	4 X 1
FRI03-30/03P	3	160	30	50/65	4" x 6"	3000	118000	500 Wp.	6 X 1
FRI03-50/09P			50	50	4" x 4"	3000	70000	500 Wp.	6 X 1
FRI03-70/12P			70	40	4" x 4"	3000	45000	500 Wp.	6 X 1
FRI03-100/21P			100	32	4" x 4"	3000	32000	500 Wp.	6 X 1
FRI05-20/02P	5	260	20	100	4" x 6"	4800	263000	535 Wp.	9 X 1
FRI05-30/03P			30	80	4" x 6"	4800	187000	535 Wp.	9 X 1
FRI05-50/05P			50	50/65	4" x 6"	4800	110500	535 Wp.	9 X 1
FRI05-70/09P			70	50	4" x 4"	4800	71500	535 Wp.	9 X 1
FRI05-100/18P			100	50	4" x 4"	4800	50300	535 Wp.	9 X 1
FRI75-20/02P	7.5	380	20	100	4" x 6"	7000	340000	525 Wp.	13 X 1
FRI75-30/03P			30	80	4" x 6"	7000	270000	525 Wp.	13 X 1
FRI75-50/05P			50	80	4" x 6"	7000	162000	525 Wp.	13 X 1

FRI75-70/07P			70	50/65	4" x 6"	7000	105000	525 Wp.	13 X 1
FRI75-100/20P			100	50	4" x 4"	7000	73500	525 Wp.	13 X 1
FRI10-20/02P	10	440	20	100	4" x 6"	9100	440000	535 Wp	17 X 1
FRI10-30/03P			30	100	4" x 6"	9100	350000	535 Wp	17 X 1
FRI10-50/06P			50	80	4" x 6"	9100	207000	535 Wp	17 X 1
FRI10-70/10P			70	65	4" x 6"	9100	135000	535 Wp	17 X 1
FRI10-100/12P			100	65	4" x 6"	9100	95500	535 Wp	17 X 1

SPECIFICATIONS FOR THE DC MOTORS

Motor Details: DC SUBMERSIBLE MOTORS

Motor Rating	1 HP	2 HP	3 HP	5 HP	7.5 HP	10 HP
Rated Voltage	72V, 3 Ph	120V, 3 Ph	160V, 3 Ph	260V, 3 Ph	380V, 3 Ph	420V, 3 Ph
Rated Current	8.5	11.5	12.5	13	13	15
Insulation Class	B	B	B	B	B	B
Motor OD	96 mm	96 mm	96 mm	96 mm	96 mm	96 mm
Frequency	0-110 Hz	0-110 Hz	0-110 Hz	0-110 Hz	0-110 Hz	0-110 Hz
RPM	3300	3300	3300	3300	3300	3300

DC MONOBLOCK PUMP SET

MODEL NAME	HP	MOTOR VOLTAGE (3PH.)AC	HEAD	DELIVERY SIZE	ARRAY POWERIN WP	LPD	PV MODULE USED	NO.IN SERIES X NO.IN PARALLEL
FLISF-01-10P	1	50/72 V	10	50 X 50	1000	96000	500 Wp.	2 X 1
FLISF-02-10P	2	120V	10	80 X 80	1800	195000	500 Wp.	4 X 1
FLISF-02-20P			20	50 X 50	1800	111000	500 Wp.	4 X 1

FLISF-03-10P	3	160V	10	80 X 80	3000	295000	540 Wp	5 X 1
FLISF-03-20P			20	65 X 50	3000	145000	540 Wp	5 X 1
FLISF-05-10P	5	260V	10	80 X 80	4800	525000	535 Wp	9 X 1
FLISF-05-20P			20	80 X 65	4800	260000	535 Wp	9 X 1
FLISF-75-10P	7.5	380V	10	100 X 100	6800	745000	525 Wp.	13 X 1
FLISF-75-20P			20	80 X 80	6800	372300	525 Wp.	13 X 1
FLISF-75-30P			30	80 X 65	6800	245500	525 Wp.	13 X 1
FLISF-10-10P	10	460V	10	100 X 100	9000	940000	535 Wp	17 X 1
FLISF-10-20P			20	80 X 80	9000	490000	535 Wp	17 X 1
FLISF-10-30P			30	80 X 65	9000	340000	535 Wp	17 X 1

AC MONOBLOCK PUMP SET

MODEL NAME	HP	MOTOR VOLTAGE (3PH.) AC	HEAD	DELIVERY SIZE	ARRAY POWER IN WP	LPD	PV MODULE USED	NO. IN SERIES X NO. IN PARALLEL
FLISF-01-10A	1	50/72 V	10	50 X 50	1000	89000	400 Wp.	3 X 1
FLISF-02-10A	2	120V	10	80 X 80	1800	170200	500 Wp	4 X 1
FLISF-02-20A			20	50 X 50	1800	85200	500 Wp	4 X 1
FLISF-03-10A	3	160V	10	80 X 80	2700	265000	540 Wp.	5 X 1
FLISF-03-20A			20	65 X 50	2700	130300	540 Wp.	5 X 1
FLISF-05-10A	5	260V	10	80 X 80	4800	470500	535 Wp	9 X 1
FLISF-05-20A			20	80 x 65	4800	230200	535 Wp	9 X 1
FLISF-05-30A			30	65 x 50	4800	148000	535 Wp	9 X 1
FLISF-75-10A	7.5	380V	10	100 X 100	7000	690000	525 Wp	13 X 1

FLISF-75-20A			20	80 X 80	7000	343000	525 Wp	13 X 1
FLISF-75-30A			30	80 X 65	7000	205000	525 Wp	13 X 1
FLISF-10-10A			10	100 X 100	9000	892000	535 Wp	17 X 1
FLISF-10-20A	10	460V	20	80 X 80	9000	440000	535 Wp	17 X 1
FLISF-10-30A			30	80 X 65	9000	305000	535 Wp.	17 X 1

AC OPENWELL PUMP SET

MODEL NAME	HP	MOTOR VOLTAGE (3PH.) AC	HEAD	DELIVERY SIZE	ARRAY POWER IN WP	LPD	PV MODULE USED	NO. IN SERIES X NO. IN PARALLEL
FLIOP-02-10	2	120V	10	65 X 50	1800	150300	500 Wp	4 X 1
FLIOP-02-20			20	50 X 50	1800	105400	500 Wp	4 X 1
FLIOP-03-10	3	160V	10	65 X 65	3000	180500	540 Wp	5 X 1
FLIOP-03-20			20	65 X 50	3000	142000	540 Wp.	5 X 1
FLIOP-05-10	5	260V	10	80 X 80	4800	350500	535 Wp	9 X 1
FLIOP-05-20			20	65 X 65	4800	285000	535 Wp	9 X 1
FLIOP-05-30			30	65 X 50	4800	172000	535 Wp	9 X 1
FLIOP-75-20	7.5	380V	20	80 X 80	7000	490300	525 Wp.	13 X 1
FLIOP-75-30			30	65 X 65	7000	320000	525 Wp	13 X 1
FLIOP-75-30			40	65 X 50	7000	160500	525 Wp.	13 X 1
FLIOP-10-20	10	460V	20	100 X 100	9000	690600	535 Wp.	17 X 1
FLIOP-10-30			30	80 X 80	9000	345000	535 Wp	17 X 1
FLIOP-10-40			40	65 X 50	9000	189500	535 Wp.	17 X 1

SOLAR PUMP CONTROLLER **invt**

Controller Rating Hp	1	2	3	5	7.5	10
AC Input Voltage	230V, 1 Ph	230V, 1 Ph	230V, 1 Ph	260V, 3 Ph	380V, 3 Ph	440V, 3 Ph
Max Input Voltage (Voc)	200	400	450	470	900	900
Recommended DC Input Range (Vmp)	50 - 210	200 - 400	200 - 400	300 - 450	300 - 750	300 - 750
Output voltage Vac	72V	120V	160V	260V	380V	440V
Output Current	11	12	13	13	15	15



SMART FEATURE



Protection Grade
IP54/IP55/IP65/IP68



Mobile Application
On/Off facility



Low power
Consumptions



Solar/Gird
Sharing facility



Energy, Volt, Lpm,
status, Amp & etc



Where Quality Meets Innovation



+91 79844 68024 info@toyatechnoenergy.com www.toyatechnoenergy.com

Office Address

A-110, Radhe Arcade, Nr. UGVCLUrjanagar, Kudasán,
Gandhinagar - 382421

Factory Address - 1

Plot-12, Raviraj Estate, Nr. GIFT CITY Road,
Gandhinagar - 382355

Factory Address - 2

Unit No. B-146/147, Electronic GIDC, Sector - 25,
Gandhinagar - 382023

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