



A2Z

SOLAR

The Future is Today



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ABOUT US

A2Z Solar is at the forefront of delivering comprehensive solar solutions. Over the years, we have established ourselves as a distinguished solar distributor and installer in Karnataka, earning the status of authorized distributors for LOOM Solar and UTL Solar. With a widespread network of channel partners spanning Karnataka, we offer an extensive array of products, solutions, and installation services. Since our inception in 2021, we have successfully conceptualized, executed, and commissioned nearly 400 solar projects, with capacities ranging from 1kW to 50kW. These projects encompass on-grid, off-grid, and hybrid systems, including solar pump installations. Our unwavering dedication to delivering sustainable solar energy solutions is fueled by our passion and commitment to top-notch quality and customer satisfaction.

OUR SERVICES

- On Grid Solar System
- Off grid Solar System
- Hybrid Solar Syste
- Solar Pump



UTL Solar Panel



	40watt	60watt	100watt	165watt	225watt	535watt DCR
Panel Type	Polycrystalline	Polycrystalline	Polycrystalline	Polycrystalline	Mono Crystalline	Mono Half Cut
Short Circuit Current	5.5A	6A	6.3A	8.89A	8.95A	12.5A
Operating Voltage at Pmax	12V	12V	17.9V	18.8V	20V	43V
Open Circuit Voltage (VOC)	14V	18V	21.6V	21.6V	25V	49V

1 kVA/12V

UTL Solar Inverter

Helica (PWM)

Capacity	850VA
Max. Output Current	2.1A
Maximum PV Power Recommended	(150W/160W)x4
Solar current max	50A



Shamshi (PWM)

Maximum PV Power Recommended	(150W/160W) x 5
Solar current max	50A

1 kVA/24V

Gamma+ (MPPT)

Capacity	1 KVA/12 Volt
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Sigma+ Hybrid (MPPT)

Capacity	1 KVA/24 Volt
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2 kVA/24V

Helica (PWM)

Capacity	2000VA
Max. Output Current	5.5A
Maximum PV Power recommended	(315W/320W/325 W)x4
Solar current max	50A



Gamma+ (MPPT)

Capacity	2KVA 24V
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2 kVA/48V

Gamma+ (MPPT)

Capacity	2KVA 48V
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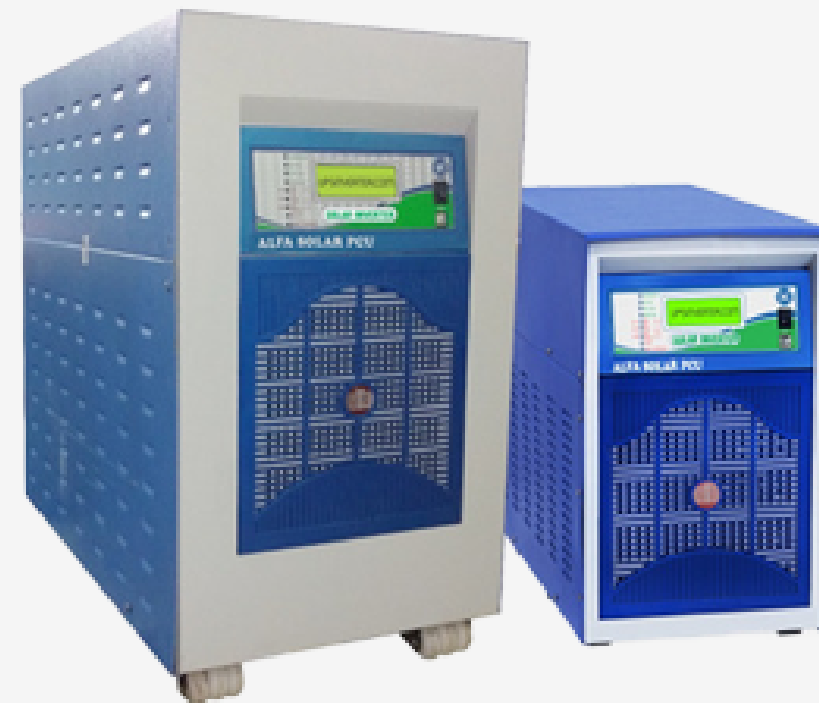
5KVA/48V

Gamma 5KVA/48V

Capacity	5KVA 48V
Maximum PV Power Recommended	5KW

ALFA+ 5kVA/48V

Capacity	5KVA 96V
Maximum PV Power Recommended	5KW



Gamma 5KVA/96V

Capacity	5KVA 48V
Maximum PV Power Recommended	5KW

ALFA+ 5kVA/96V

Capacity	5KVA 96V
Maximum PV Power Recommended	5KW

UTL Solar Battery.

UIT4036

Capacity	40Ah
Nominal Voltage	12volts

UST 16536

Capacity	165Ah
Nominal Voltage	12volts



UST1560

Capacity	150Ah
Nominal Voltage	12volts

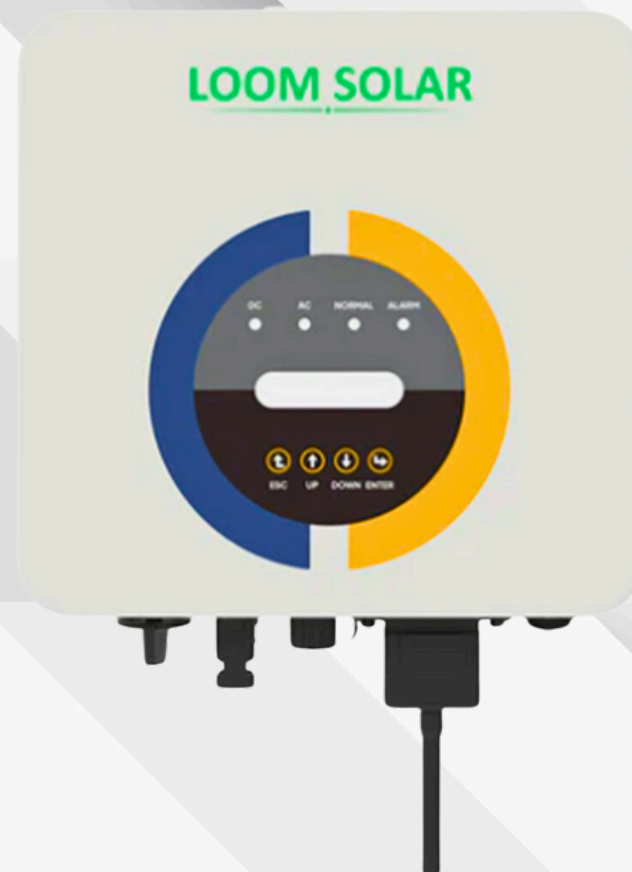
UST2036

Capacity	200Ah
Nominal Voltage	12volts

Loom Solar Inverter

Fusion 3 kW, 1 ø On Grid Solar Inverter

Capacity	3 kW
Maximum PV Power Recommended	3.6 kW



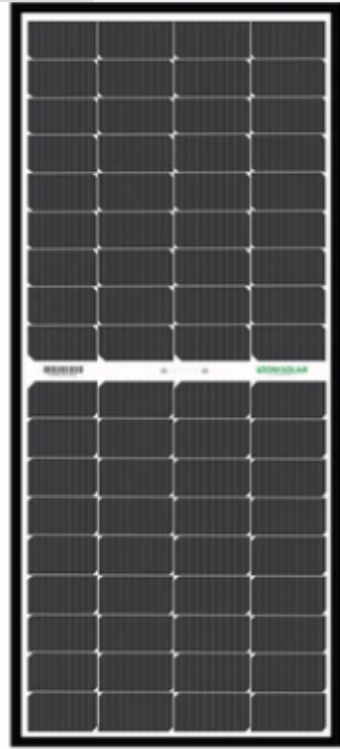
Fusion 5 kVA/8V Off Grid Solar Inverter

Capacity	5kW
Maximum PV Power Recommended	4.5 kW

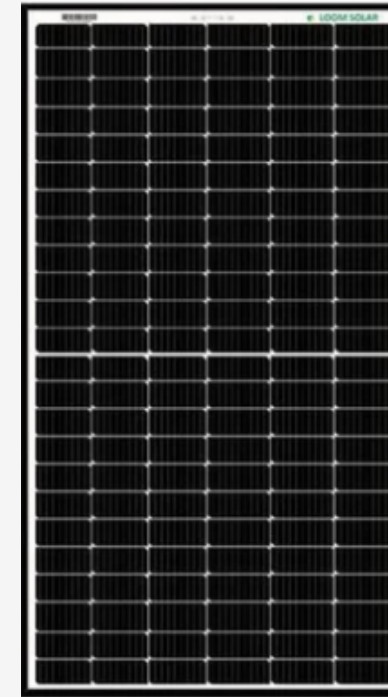


Loom Solar Panels

225W/12V Mono Perc



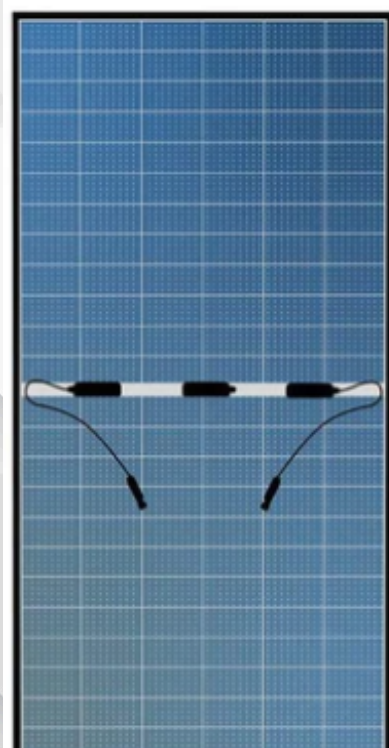
Panel Type	Mono Perc
Short Circuit Current	11.45A
Operating Voltage at Pmax	21V
Open Circuit Voltage (VOC)	25V



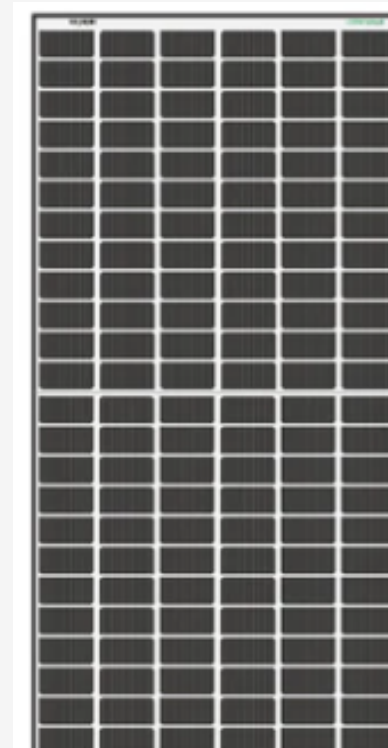
Shark 455 - Mono Perc Half Cut

Panel Type	Mono PERC
Short Circuit Current	11A
Operating Voltage at Pmax	42V
Open Circuit Voltage (VOC)	49V

Shark 450W Bifacial



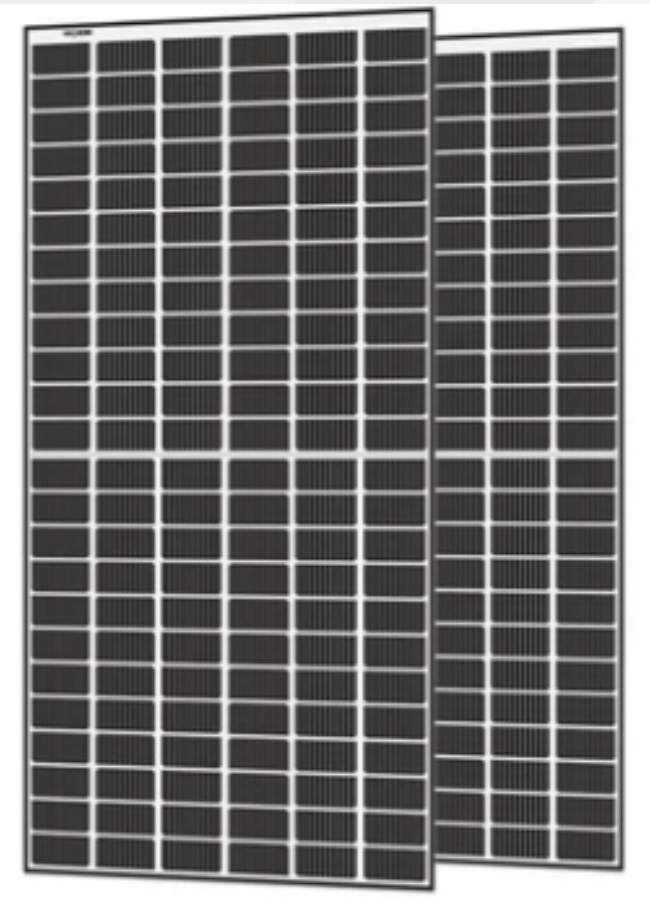
Panel Type	Mono PERC Bifacial
Short Circuit Current	11.35A
Operating Voltage at Pmax	42V
Open Circuit Voltage (VOC)	49V



SHARK 575W | N-Type TOPCon Bifacial 16 BB

Panel Type	TOPCon
Short Circuit Current	14.30A
Operating Voltage at Pmax	43V
Open Circuit Voltage (VOC)	50.5V

SHARK 550 Watt - Mono Perc Half Cut



Panel Type	Mono PERC with Blocking Diodes
Short Circuit Current	13.89A
Operating Voltage at Pmax	42.58V
Open Circuit Voltage (VOC)	50.20V

Loom Solar Battery.



Capacity	5000W
Battery rating	100 Ah/48V

Solar Street Light



LED Output	20W
Solar Panel	40Wp
Battery Capacity	12.8V, 13.5Ah Lithium-FPO Battery
Lumen Output / Watt	120 Lumen/Wp

Solar Pumps



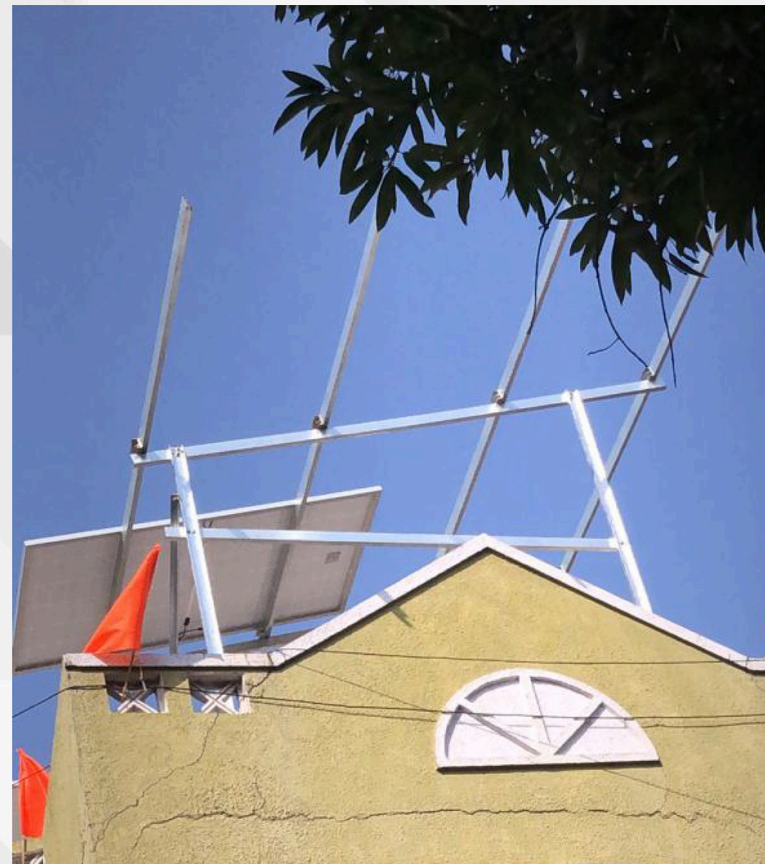
3HP	455W - 8 Panels
5HP	550W - 14 Panels
7.5HP	550W - 16 Panels
10HP	455W - 32 Panels

Solar pumps harness the abundant energy of the sun to provide efficient and sustainable solutions for water pumping needs. By converting sunlight into electricity, these pumps offer a reliable alternative to traditional diesel or electric pumps, especially in remote areas where access to electricity may be limited.

We intend to retrofit the current water pump into a solar-powered system. We are experts in doing it.



Our Projects



*Thank
you!*

