

Details of Business

Our Company operates in the Indian rooftop solar industry, manufacturing and supplying a comprehensive range of solar products including solar panels, inverters and batteries. With a focus on innovation and R&D, our Company has a history of developing various technologies, including its patented rMPPT technology and offers a wide product portfolio of over 500 SKUs under "UTL Solar" and "Fujiyama Solar" brands. Our Company currently operates four manufacturing facilities with its distribution network across India with 850+ distributors, 6300+ dealers and 1,100+ exclusive "Shoppe" franchisees.

OUR BUSINESS OPERATIONS

Product Portfolio

We specialize in the production of the following products which are primarily marketed under the "UTL Solar" and "Fujiyama Solar" brand name:

S. No.	Product Category	Product Offered	Capacity Range
1	Solar Power Generating Systems	Solar panels	(40 Wp - 670 Wp)
		Hybrid solar inverter	(1 KVA - 50 KVA)
		Offgrid inverter	(0.6 KVA - 20 KVA)
		Ongrid inverter	(1 KW - 136 KW)
		Online solar PCU	(10 KVA – 120 KVA)
		Solar management unit	(0.48 KW – 1.2 KW)
		Lithium-ion battery	(1.2 KWh - 48 KWh)
		Tubular lead acid battery	(40 Ah - 300 Ah)
2	Power backup Solution	Online UPS	(0.5 KVA - 120 KVA)
		Inverter	(1 KVA - 5 KVA)
3	Power Supply Solution	Hybrid charge controller unit	(0.12 KW - 16.5 KW)
4	Chargers	EV charger	(298 W - 1080 W)
		Marine charger/ engine start charger (supplied on a white-labelling basis)	(240 W – 3 KW)

Solar Power Generation Systems

Our Solar Power Generation Systems include solar panels, hybrid solar inverter, off-grid and on-grid inverters and batteries.

Solar Panels and Modules

Our solar modules leverage multicrystalline, monocrystalline PERC cells, and the emerging TOPCon technology to optimize efficiency and minimize energy loss. Our products offer a wide range of power outputs, tailored by module technology, cell size, and quantity. We manufacture monofacial, bifacial, and glass-to-glass modules to accommodate diverse energy needs and performance requirements.

Monofacial Modules: These are traditional modules with a single sided cell array exposed to sunlight and a white protective back sheet. These modules are ideal for standard installations where sunlight is captured only from the front.

Bifacial Modules: By capturing sunlight from both, front and rear sides, bifacial modules with transparent backsheets boost energy output by harnessing reflected light from surrounding surfaces. Higher albedo surfaces, like snow or concrete, further increase overall power generation.

Glass-to-Glass Modules: Encased in glass on both sides, replacing the back sheet, these modules offer superior durability, mechanical strength, and environmental protection. They are suitable for high-performance applications in harsh conditions. The rear glass enhances light transmission, resulting in higher efficiency than the bifacial module.



Bifacial Module | Monofacial Module | Glass-Glass Module