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SOLAR POWER INVERTER



Solar Inverter

Green Power Generation from Solar with high efficiency of conversion from DC source to AC.

In built highly efficient Solar charge controller and grid charger.

Output Pure Sine Wave with Voltage regulation $220\text{ V} \pm 3\%$. Total harmonic distortion less than 3 % useful for multi application.

Peak Inverter efficiency more than 91%. Soft start feature accommodates 200 % over load for high torque equipment. Robotic Test Features with LCD & Mimic Display opt for user friendly feature. Micro controller based various protections for performance reliability. Capacity 600VA to 5KVA.

Operates multistage Submersible pump where Electricity is unavailable in remote areas. Using peak power tracking controller & variable frequency inverter makes it simple to pump large volume of water from depth maximum up to 450 ft. Inverter converts DC array power directly to 3 phase AC with high efficiency. Three level of lightning protection to protect the unit in storm conditions. Special control feature shut down the pump in dry run mode. Standard commercially available off the self pump, interchangeability is practical & inexpensive. Design for high ambient temperature reaching up to 90°C continuous operation. Remote alarm circuit on system fault. Equipment complied with EMC regulation (C-Tick Compliance).

Operates without Battery support.



Solar Pump Inverter