Gentech Power 800-Watt Solar Hybrid Inverter System with Solar

Run Your Gentech Hybrid Inverter Using Solar & Preserve The Life Span Of Your Batteries During Load Shedding.

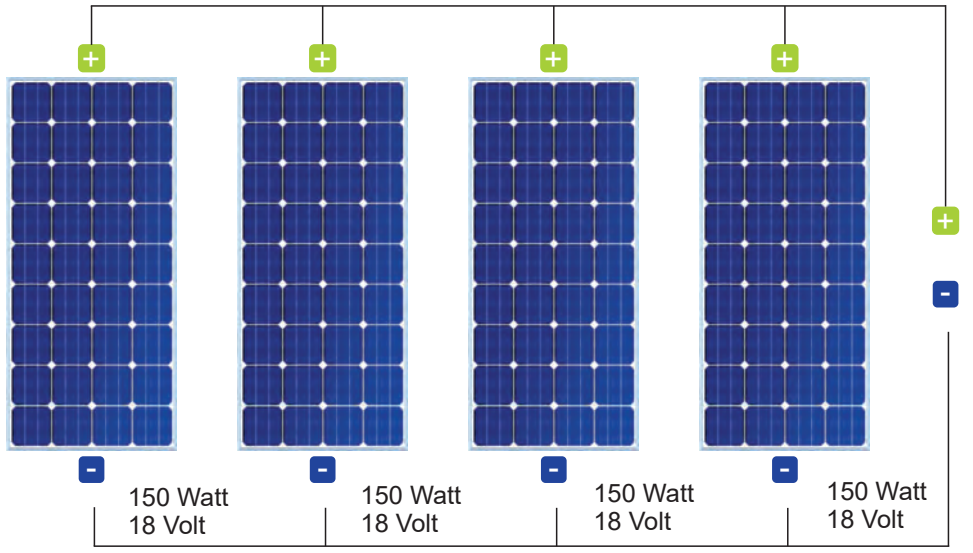
Load Shedding During The Day - Switch To Solar

Load Shedding During The Evening - Switch To Battery

Model	Solar Input Voltage Range	Max Solar Input Wa. age	Suggested Panel
GPINVERTER1 800 Wa.	18~25V (Open Circuit Voltage, Nor Pmax Voltage)	600W	150W 18V Panel, Max Parallel Link 4pcs

- **Total 4 x 9 = 36 cells, Voltage is 18V**

Connect Up To Four Panels Wired in Parallel



NOTE

IT IS IMPORTANT TO NOTE THE CONTINUOUS STATE OF LOAD SHEDDING WILL DRASTICALLY REDUCE THE LIFE SPAN AND THE RUN TIME OF THE BATTERIES.

Battery Warranty Disclaimer

Due to excessive load shedding this battery carries a limited warrantee of 7 days only. It is designed to perform as specified. The lifespan of this battery is pre-determined by the amount of charge and discharge cycles it will undergo over a period. These cycles are considered normal "wear and tear" and are not covered by the manufacturer warranty policy. Regular charging / discharging cycles will have a direct impact on the performance and or running me of this battery. Please charge for 48 hours prior to use.

DISCLAIMER:

Flat batteries and or reduced running time are not covered by the manufacturer's warranty. Should you experience a reduction in running time please recharge the batteries for ± 48 hours or consider purchasing new ones. Premature damage to the battery due to improper use is not covered by the manufacturer warranty.

It must be noted that lead acid, AGM and gel batteries are not ideally suited for frequent, long, and deep discharges as currently experienced with load shedding. These types of batteries require a minimum of 48-72 hours of uninterrupted charging after each discharge to ensure they perform as specified. Load shedding directly reduces the capacity, performance and life span of these batteries which are beyond the manufacturers control.

The Gentech Power Battery charge cycles are rated to last as follows:

- 100% Depth of Discharge = +- 350 Charge Cycles
- 80% Depth of Discharge = +- 520 Charge Cycles
- 50% Depth of Discharge = +- 730 Charge Cycles

Due to the current and continuous load shedding, these cycles can be depleted between 3 to 6 months. Once these charge cycles are depleted, the battery will have reached its **"end of life"** and will need to be replaced immediately.
We recommend that during **Load Shedding Sage 3 – 6** that the inverter power switch is turned **"OFF"**. Only use the inverter when urgently required.