

GTD-VIKAAS: Solar Conversion Kit for Invertors

GTD Vikaas is a solar retrofit kit that enables you to enjoy the benefits of solar power while utilizing existing inverter. GTD Vikaas harnesses the power from the sun and charges your inverter battery. It smartly and automatically manages charging source to maximize solar usage and minimize cost. Saving both the environment and your money!



Technical Information

Current	20 Amps
Battery Chemistry	Multi Chemistry ²
Input Voltage	7200Vdc
System Voltage	12, 24 Vdc

1. Current changes for different models (set in factory)
2. Battery Chemistry is set in factory

Protections

Battery	Over voltage
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Indications

Battery	Low / Empty
	Charging / Full
Invertor Mode	Solar / Grid

Features

- ✓ Easy installation
- ✓ Works with your old inverters
- ✓ Multi stage charging for long battery life
- ✓ MPPT algorithm based charging
- ✓ Battery Protection
- ✓ LED Status Indicators
- ✓ Smart Grid changeover and cut off
- ✓ Low Maintenance
- ✓ Life time service warranty³

3. Replaced parts may be charged at cost. 5 years life time

Application Area

Hospitals /
Pharmacy



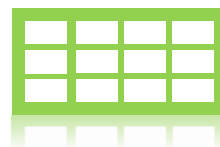
Homes



Hotels



Office / Banks



Schools / Colleges



Library



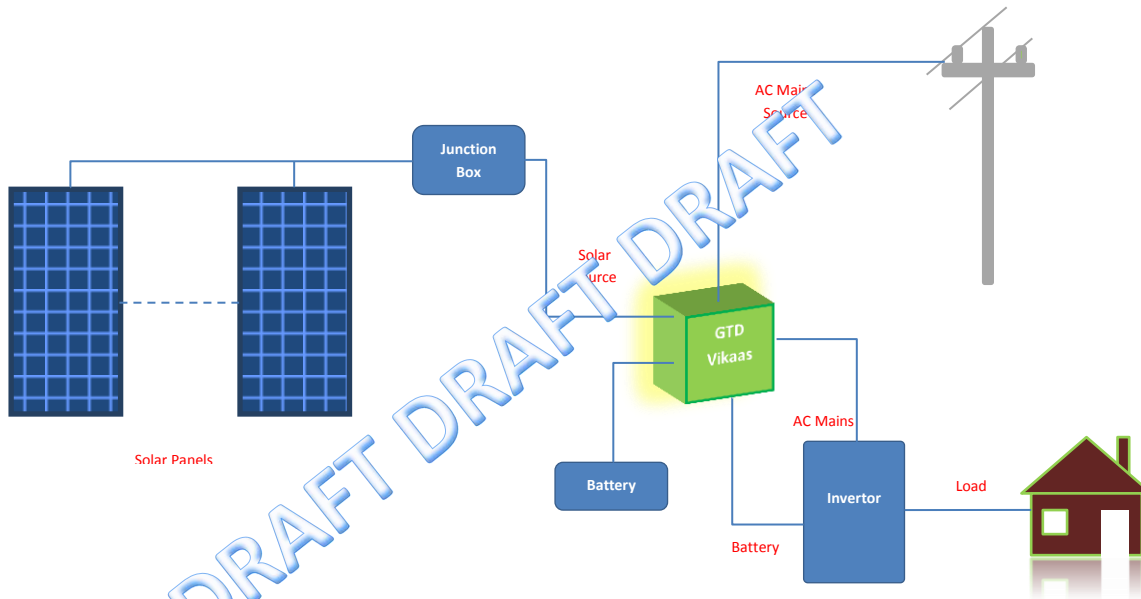
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Application Illustration:

Below diagram depicts the typical installation and a wiring diagram in brief. **Vikaas** intelligently manages the source for battery charging and supply to the load. Vikaas maximizes the use of Solar power by smartly cutting off the AC Mains source when battery is sufficiently charged and sunlight is sufficient.



Ordering Information:

Vikaas – Solar Retrofit for Invertors					
Sl No.	Ordering Code	Battery AH	Input PV Voltage	System Voltage	Charging Current
1	GVK-12-C0-062	100	17 – 100V _{DC}	12V _{DC}	6.25 Amps
2	GVK-12-CX-083	120	17 – 100V _{DC}	12V _{DC}	8.34 Amps
3	GVK-12-CL-125	150	17 – 100V _{DC}	12V _{DC}	12.5 Amps
4	GVK-24-CC-167	200	34 – 100V _{DC}	24V _{DC}	16.7 Amps
5	GVK-24-CC-208	200	34 – 100V _{DC}	24V _{DC}	20.8 Amps
6	GVK-24-CX-125	120	34 – 100V _{DC}	24V _{DC}	12.5 Amps

