

WELCOME TO THE WORLD OF RENEWABLE ENERGY



**CORPORATE TRADE PARTNER TO
V GUARD INDUSTRIES LTD**



Your Home ,Your Energy **OUR RESPONSIBILITY**



Reap The Reward from The Nature

We work with



Official Channel Partner



सत्यमेव जयते

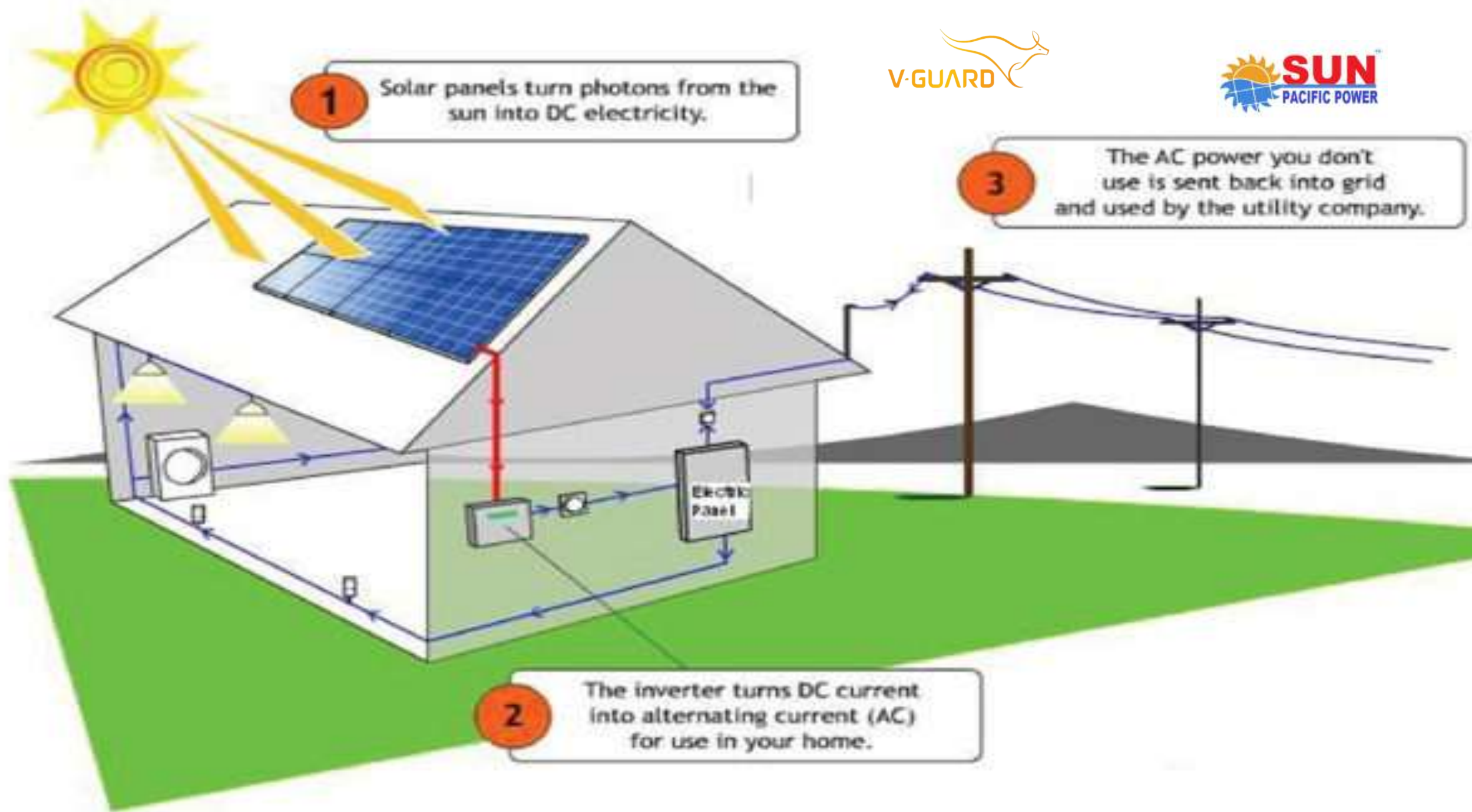
नवीन एवं
नवीकरणीय ऊर्जा मंत्रालय
MINISTRY OF
**NEW AND
RENEWABLE ENERGY**

Subsidy under various schemes



LET THE SUN PAYS YOUR
ELECTRICITY BILLS

SOLAR ROOFTOPS





**REDUCE YOUR
ELECTRICITY BILL**



GET MONEY BACK FROM DISCOMS UNDER NET METERING SCHEME





ELECTRIC BILL



PLAN TO MAKE THE BILLS ZERO OR LOW



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S RTPV GOVERNMENT SCHEMES

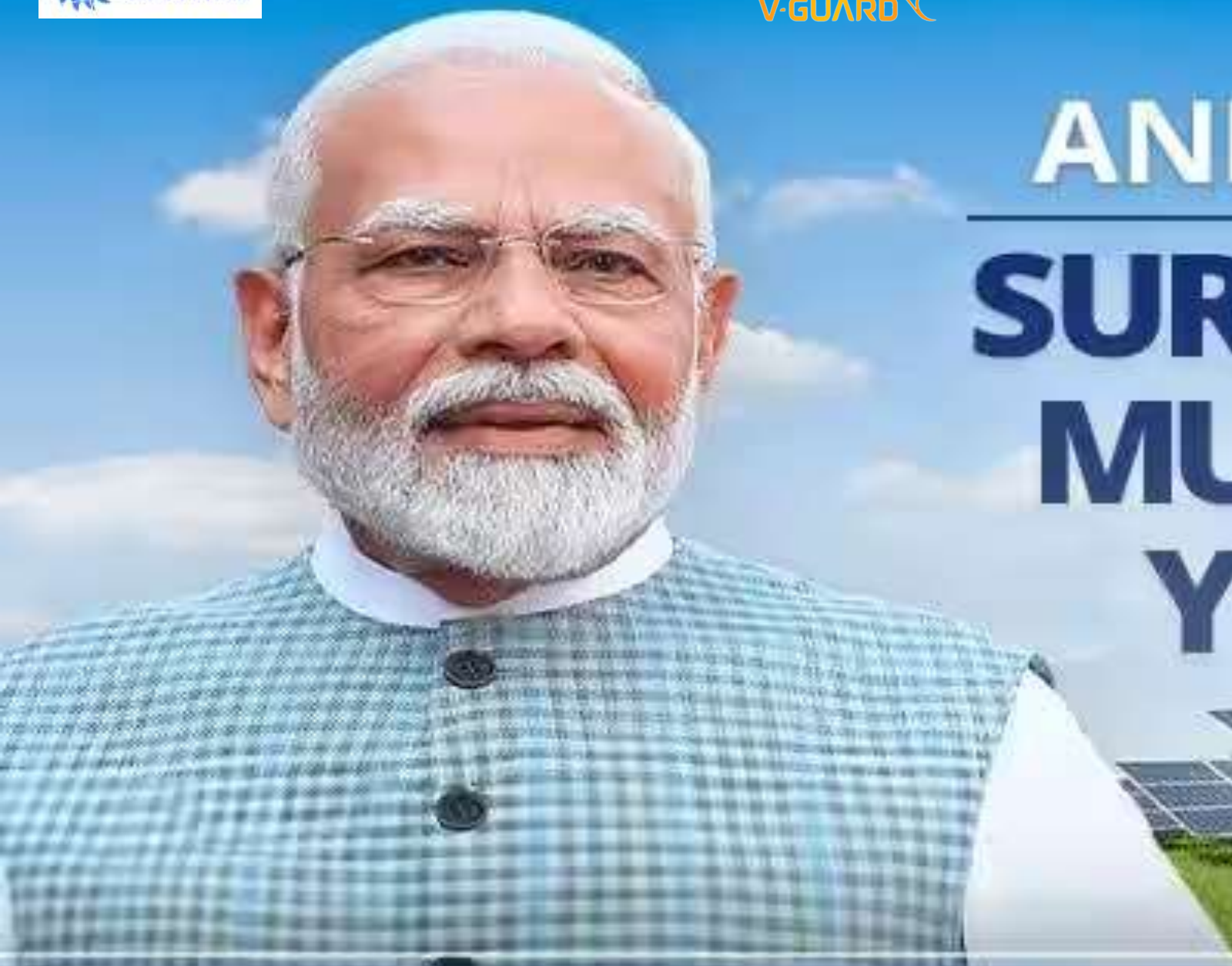
S RTPV PHASE -II

Component A: CFA to Residential sector – 4 GW

Component B: Incentives to DISCOMs – for initial 18 GW Capacity



PM ANNOUNCES --- SURYA GHAR MUFT BIJLI YOJANA





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PM – Surya Ghar: Muft Bijli Yojana



Subsidy for residential households

Rs. 30,000/- per kW up to 2 kW

Rs. 18,000/- per kW for additional capacity up to 3 kW

Total Subsidy for systems larger than 3 kW capped at Rs 78,000

Suitable Rooftop Solar Plant Capacity for households

Average Monthly Electricity Consumption (units)	Suitable Rooftop Solar Plant Capacity
0-150	1 – 2 kW
150-300	2 – 3 kW
>300	Above 3 kW



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CFA Schemes for Villa Gated community





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CFA Schemes for Independent Residential Houses



CFA Schemes for Apartment's / Associations



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Up to 500KW CFA ALLOWED

PM – Surya Ghar: Muft Bijli Yojana

**Subsidy for Group Housing Society/ Resident Welfare Association
(GHS/RWA)**

Rs. 18,000 per kW for common facilities, including EV charging, up to 500 kW capacity (@3 kW per house) with the upper limit being inclusive of individual rooftop plants installed by individual residents in the GHS/RWA





SOLAR POWER



ROOF TOP OFF GRID SYSTEM



Off grid plants with grid sharing technology

OFF GRID WITH OUT BATTERY BANK

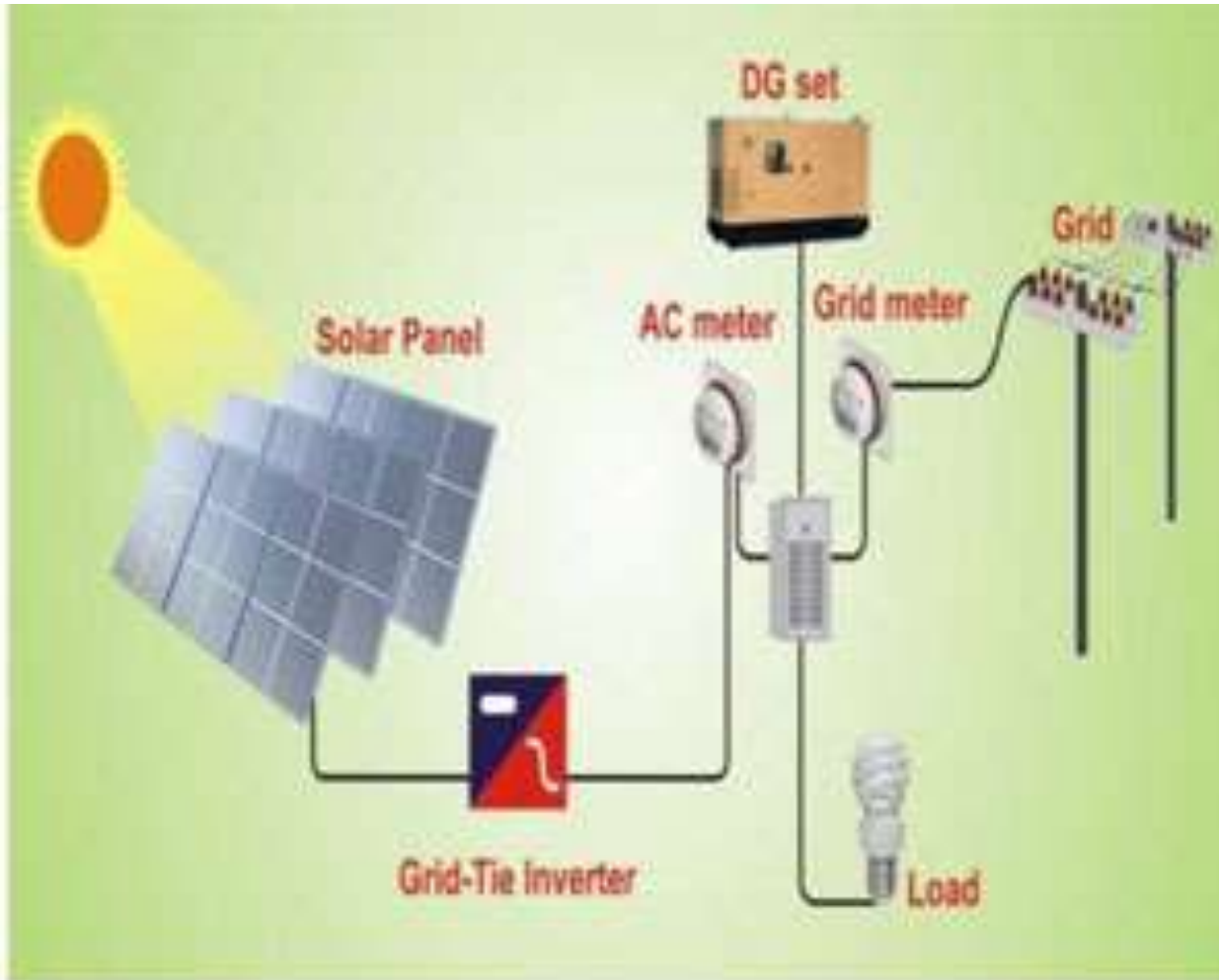
OFF GRID WITH BATTERY BANK

Available from 5kw -300kw

ON GRID AND OFF GRID INVERTERS



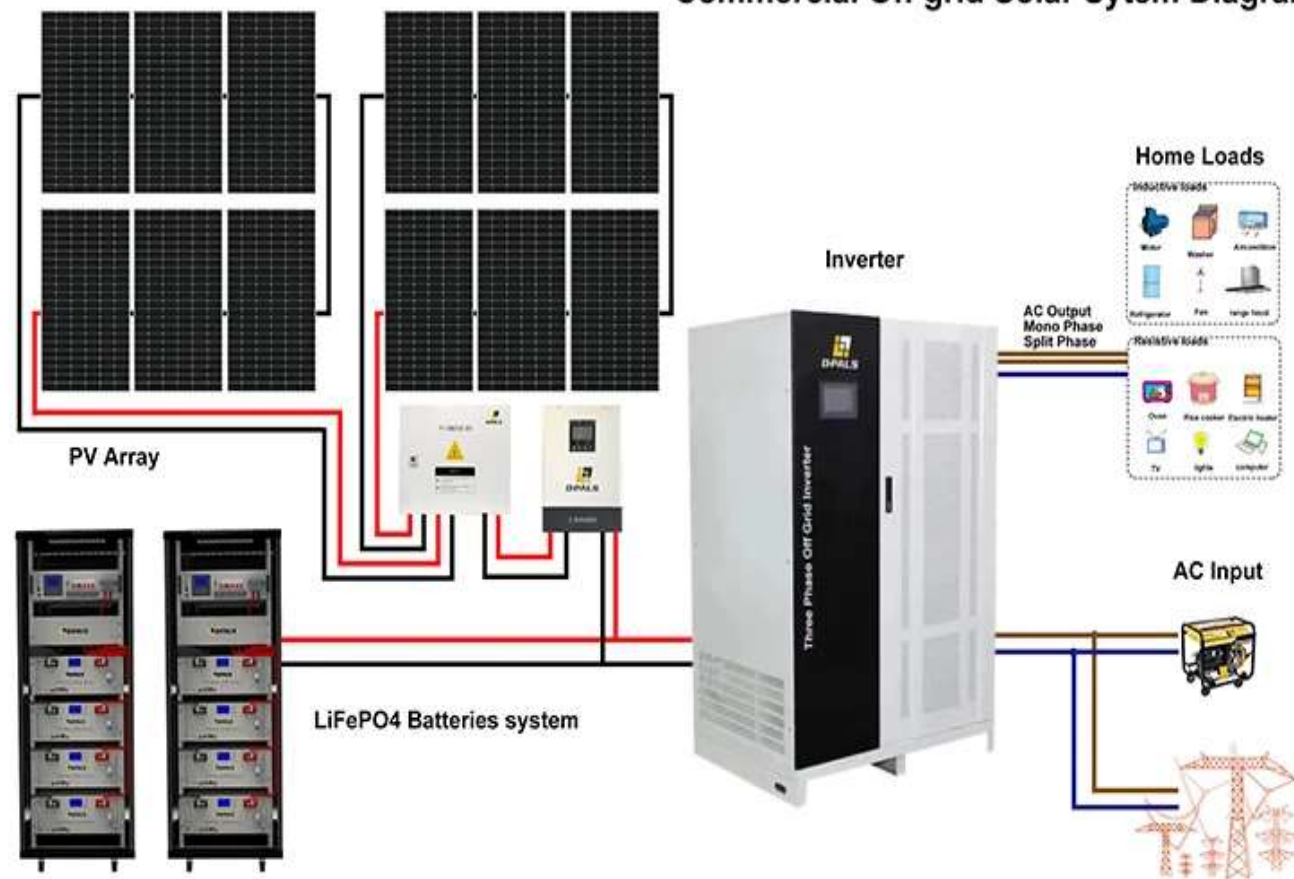
GRID CONNECTED SOLAR



**Grid connected
power plants
available
From
10kw to any
quantum**

SOLAR POWER PLANT ACCESSORIES

Commercial Off grid Solar Sytem Diagram



SOLAR POWER PLANT ACCESSORIES



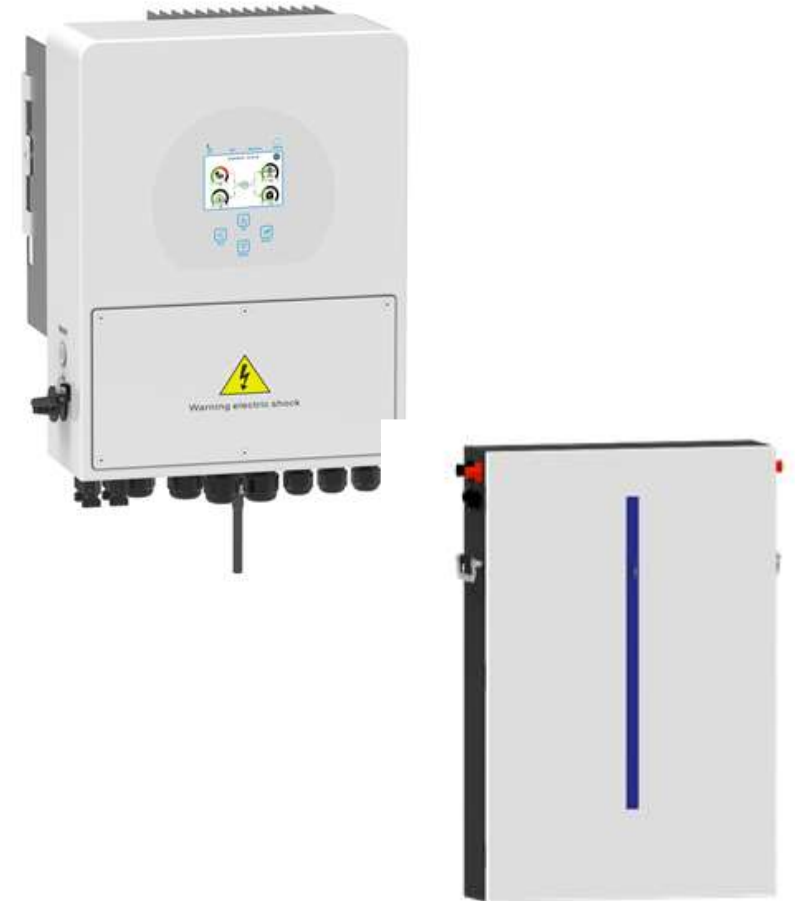
SOLAR POWER PLANT ACCESSORIES



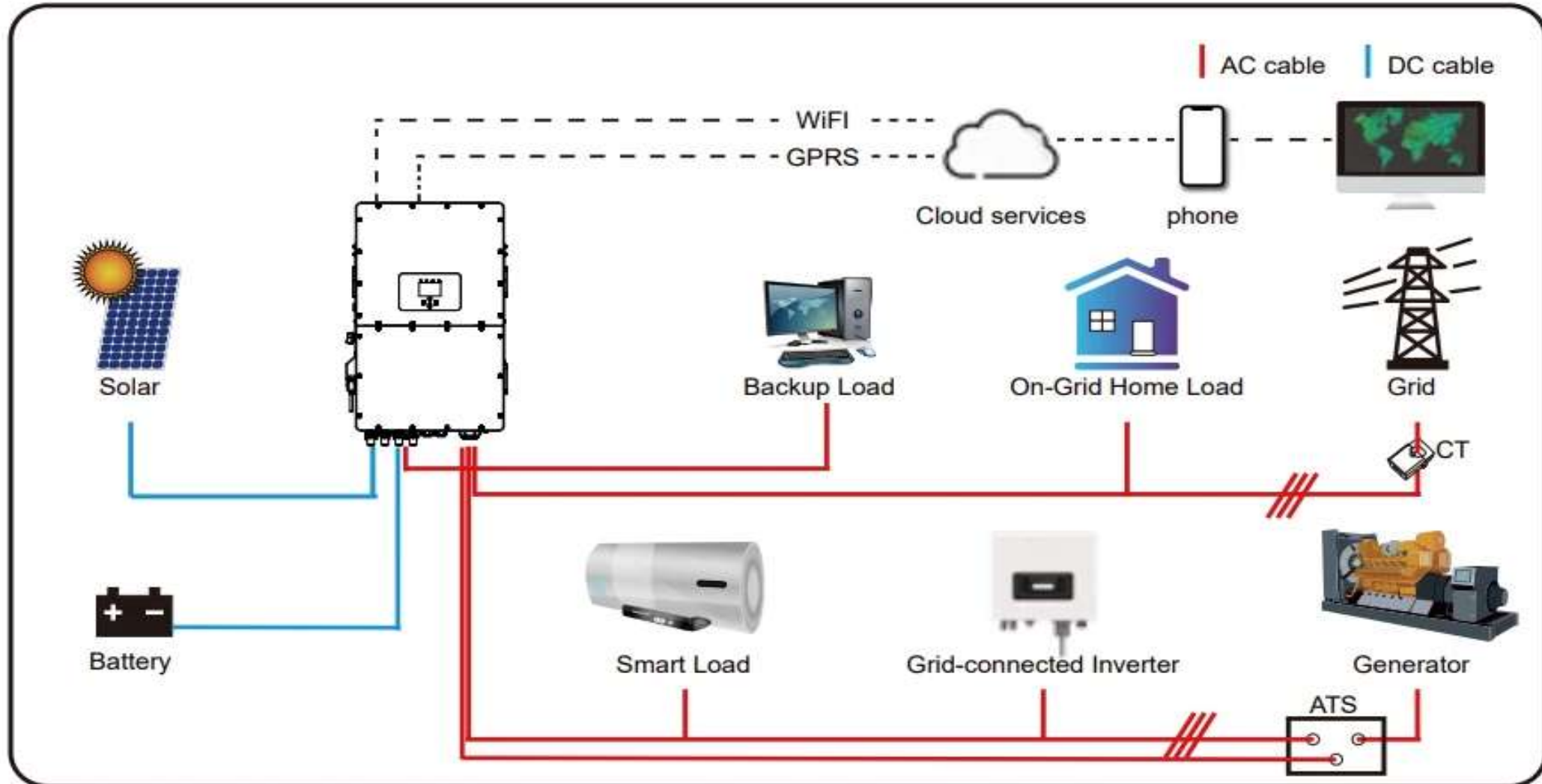
SOLAR HYBRID TECHNOLOGY



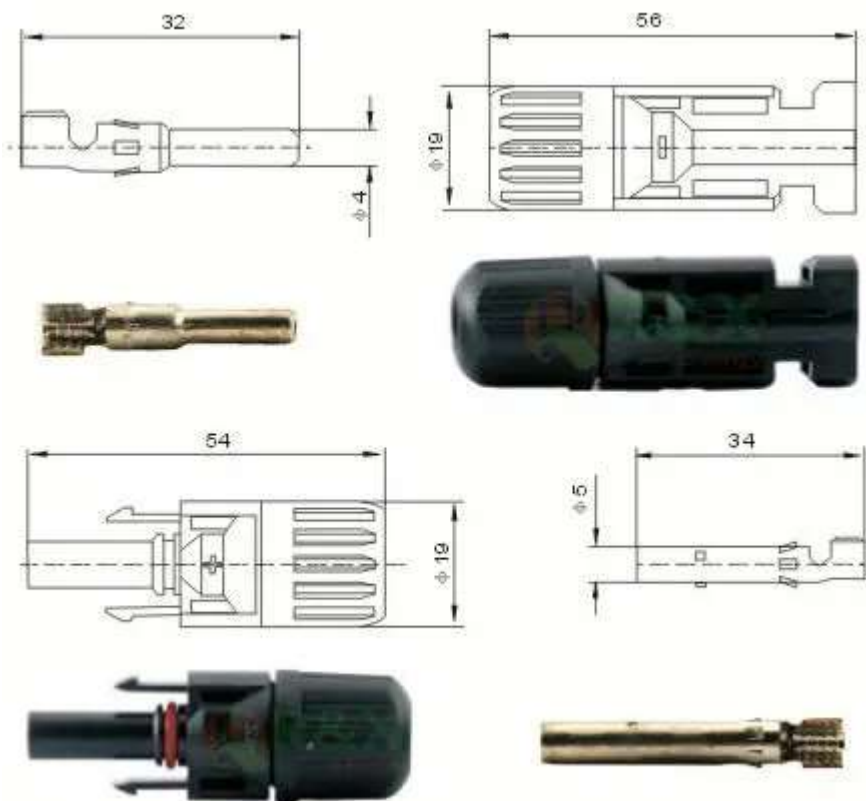
- **Hybrid Inverter**
- Deye's hybrid inverters represent the pinnacle of our energy conversion technology, seamlessly combining solar power management with battery storage capabilities. These advanced systems enable energy independence, backup power functionality, and intelligent power flow control in a single integrated solution.
- **Distinguished Capabilities**
- **Multiple Battery Compatibility:** Works with various battery technologies including lithium-ion and lead-acid
- **Customizable Charging/Discharging:** Program up to 6 different time periods for optimized energy usage
- **Generator Integration:** Store energy from diesel generators for truly off-grid capabilities
- **Parallel Operation:** Support for multiple units in parallel (up to 16 units) for scalable installations
- **AC Coupling:** Retrofit capability for existing solar systems
- **UPS Functionality:** Provides uninterrupted power supply during grid outages with millisecond switchover
- **Smart Monitoring:** Intuitive user interfaces with colorful touch LCD displays and remote monitoring options
- With maximum efficiencies reaching 97.6% and MPPT efficiencies exceeding 99%, Deye hybrid inverters maximize both solar conversion and battery interaction. The robust IP65-rated design ensures reliable operation in various environments, while multiple communication interfaces (RS485/RS232/CAN) enable seamless integration with home energy management systems.



THE HYBRID SCHEMATIC



SOLAR POWER PLANT ACCESSORIES



AC/DC PROTECTION DEVICES



SOLAR EARTHING MATERIALS



SOLAR LIGHTNING ARRESTERS



Application Features

ESE type FRP side flashing composite insulation air-termination device is a new type of air-termination device specially developed by our company, which is targeted for use in various microwave communication stations, radar base stations, scenic spots, ancient trees, special vehicles, airports and other special occasions. The material is high-strength composite material, and the height of the air-termination device is (2, 5, 6, 8, 9, 11, 13, 15, 18, 21) meters, which can be customized according to customer needs. The protection range is calculated according to the national standard GB50057-2010 ball radius.



Features of insulating rods

FRP material, insulation, temperature resistance $-40^{\circ}\text{C}\sim 100^{\circ}\text{C}$, light weight, corrosion resistance, wind speed resistance $40\text{m/s}\sim 60\text{m/s}$. Fully active lightning strike, anti-side flash, wider protection range than ordinary air terminals.



SOLAR ROOF MOUNTING STRUCTURE



INSTALLATION , COMMISSIONING, SERVICES & MAINTANANCE OF SOLAR POWER PLANTS



- Well experienced Engineers & crew
- Professionally Managed Team
- Prompt and responsible services
- Most economical support & Services
- Most effective DISCOM Management

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