

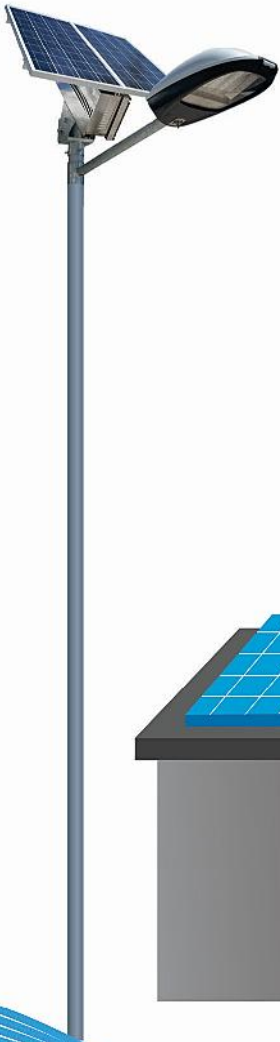
 **ISO**  
14001:2004

**Arrow**<sup>TM</sup>

 **ISO**  
9001:2008

Committed to Green Energy

# Arrow Solar System



**Off-Grid and On-Grid Systems**  
**Intelligent Energy Management**  
**Expandable and Configurable as per need**  
**Cutting Edge Technology for Optimum Efficiency**  
**Adjustable to Wide Range Of Operating Environment**

Over the years **Arrow™** brand has become synonymous with two words - Quality and Service. With a Brand as powerful as ours and inherent strength in technology, we have progressed into one of the major supplier of Power Electronics Products. Our State-of-the-art infrastructure and commitment to achieve customer satisfaction ensures that we are always at the cutting edge of the technology as well as manufacturing product that provide value for money for years.

## Arrow™ Solar System Features

A solar system by nature can be fully comprehensive or partial comprehensive with either off-grid or grid-tie system and with or without backup power.

**Arrow™** Solar System is configurable, expandable and adjustable as per customer need. Solar PV system includes different components that should be selected according to your system type, site location and applications.

**Arrow™** Solar System are available from 50VA to 50KVA capacity with Panels ranging from 5W to as per design requirement. The major components for solar PV system are SPV Modules, Solar Charge Controller, Hybrid-inverter, Battery bank, auxiliary energy sources and loads (appliances).

### SPV Modules

Mono/Multicrystalline Silicon Solar cells with Bypass diodes and conforming to IEC standards.

### Combiner

A solar combiner box combines several solar panels into single DC output to connect to the charge controller or hybrid inverter.

### Hybrid Charge Controller cum Inverter

Combined with PWM/MPPT charge controller, this hybrid inverter charges the battery as well as provide power to connected loads by utilizing PV power, utility power and battery power as per priority set.

### Battery

Low maintenance SMF VRLA or Tubular type ISO and IEC certified batteries provide backup power.

### Auxiliary Energy Sources

A diesel generator or other renewable energy sources.

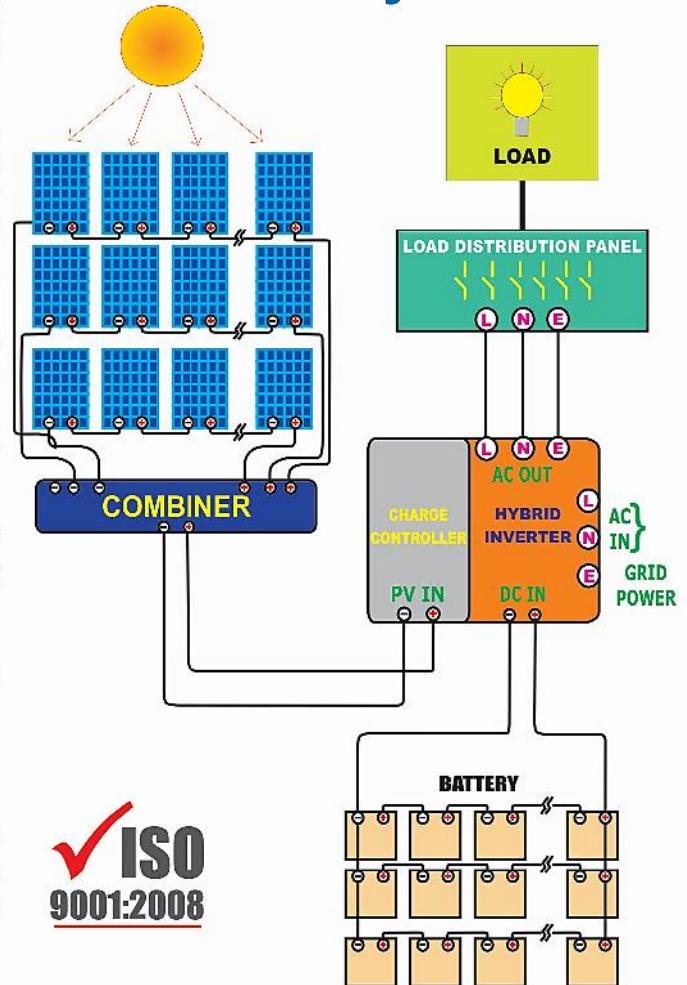
### Accessories

Application specific Module mounting of MS angle/pipe/pole and duly galvanized or powder coated to avoid corrosion; Junction boxes for proper termination & distribution of cables; Cables and hardware.

### Salient Features:

- cost-effective, easy to install and good for the environment
- Expandable, configurable and adjustable as per project need
- Provides extra long back-up for computer and other loads
- Ensures longer battery life
- User friendly LED/LCD display
- Easy to service
- Compact footprint ideal for modern facilities
- No noise, no pollution

## Comprehensive Solar System



### Optional:

- ≈ Monitoring Software
- Tailor-made design solution
- ≈ LED luminaries

**Other Product line: Online UPS, LI UPS, Home UPS Systems, Stabilizers, entire range of Solar & LED Products**



**Arrow Powertech Pvt. Ltd.**

23, G.I.D.C. Makarpura, Vadodara - 390010 Gujarat

Tel.: +91-265-6551156, 3253150

Website : www.aptl.in

Email : sales@aptl.in, support@aptl.in