

All ST Series products are customized to provide an exact match to your requirements and budget. They are low-cost, off-road ruggedized platforms capable of a variety of specialized configurations.

In addition to their basic power generation capabilities, CP<sup>2</sup> Energy Corporation can provide customized ST-150 units for:

- ◆ Water Purification
- ◆ Distributed Power Systems
- ◆ Telecommunications
- ◆ Environmental Monitoring
- ◆ Security Applications
- ◆ Aircraft Maintenance & More

Multiple units can be connected in parallel providing a scalable energy source for larger demands such as field clinics, schools and airports. By parking CP<sup>2</sup> Energy's ST Series units side by side, you can have an instant solar power farm anywhere.

The ST Series includes the following standard models:

- ◆ ST150 11' X 7' X 5' 3KW AC
- ◆ ST250 16' X 7' X 5' 4KW AC
- ◆ ST350 12' X 7' X 7' 4KW AC
- ◆ ST450 16' X 7' X 7' 4KW AC

The ST350 and ST450 are enclosed models.

All Apollo ST Series products are specifically designed to be custom configured. While we offer four standard models, literally thousands of possible models are available to meet your application and budget requirements. No system is too small or large. CP<sup>2</sup> Energy is an authorized dealer for:

#### Inverters:

- Apollo Solar
- Magnum
- Outback
- Samlex
- Xantrex

#### Controllers:

- Apollo Solar
- Blue Sky
- Morningstar
- Outback
- Xantrex

#### SPV Panels:

- ET
- Kyocera
- Mitsubishi
- REC
- Sharp
- Sunwise
- UniSolar

#### Batteries:

- Concord
- Deka
- Trojan
- US Battery

And much more. For more information or to contact us, please visit:

**[WWW.CP2ENERGY.COM](http://WWW.CP2ENERGY.COM)**

**Tel. (719) 379-4035**



**CP<sup>2</sup> ENERGY CORPORATION**  
*Unlimited Power*



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### **Product Brief** **Apollo ST-150** **Apollo Mobile Power Station** **(AMPS)**

The Apollo ST-150 is a mobile solar power platform that allows anyone to quickly bring utility grade electric power anywhere on Earth. It is designed for rapid deployment by emergency organizations, building contractors, and also for providing power to residential homes in remote locations.

It provides an exceptional value to disaster relief operations conducted by US Government agencies like FEMA, and NGO agencies such as the American Red Cross.

The ST-150 can be easily towed by cars and light trucks and does not need any special skills or tools to set up. They are compact and can be airlifted to any remote location.

The ST-150 incorporates the following standard equipment:

- ◆ 7' X 11' X 5' Single 3,000 #axle off-road trailer package.
- ◆ (12) CG15 6V FLA Batteries (2640 AH), L-16 optional.
- ◆ 100-120/220-240 VAC, 50 or 60Hz 3000 Watt Sine Inverter.
- ◆ (4) 215 Watt REC215AE solar panels (860 Watts Total).
- ◆ 45 Amp, MPPT Morningstar Charge Controller.
- ◆ 1200 Watt Gasoline Backup Desulphating Charger. (Opt.)

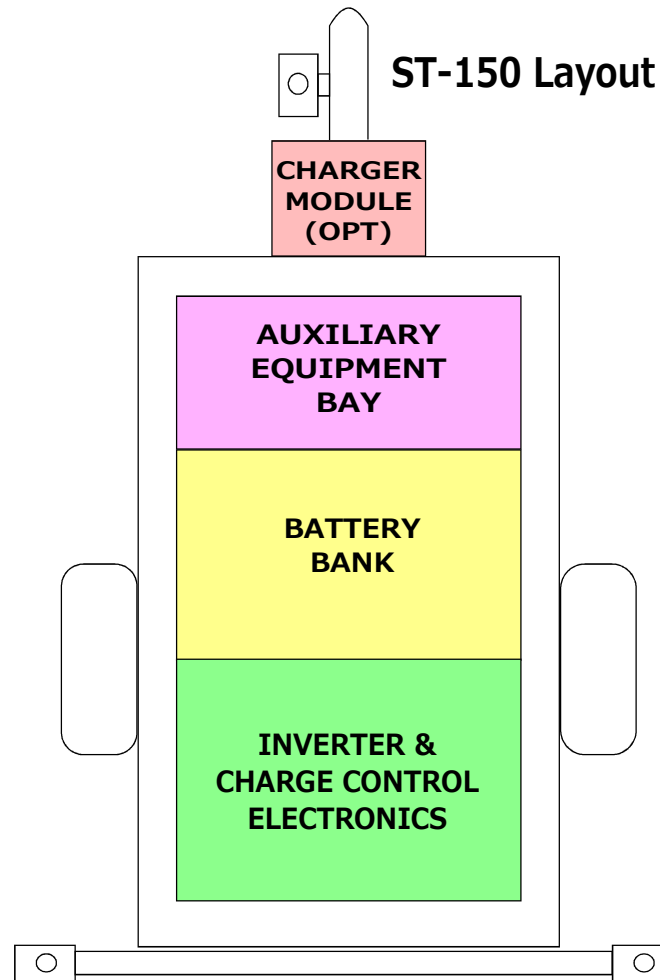
The ST-150 provides many advantages to traditional solar power systems including:

- ✓ No Building Permits Required
- ✓ No Electric Permits Required
- ✓ No Installers to Hire
- ✓ Set-up in Under 1 Hour
- ✓ Powers Mid-Sized House

The ST-150 also has numerous advantages over petroleum based generators including:

- ✓ 24 Hour, 7 Day per Week Operation
- ✓ No Fuel or Fuel Transport Costs
- ✓ **Carbon Free - Zero Emissions**
- ✓ 25 Year Life with Maintenance

The ST-150 package has been designed to offer maximum flexibility for all kinds of applications in addition to providing energy independence. Removable access panels are provided for additional gear.



The ST-150 has 3 vertical compartments which include:

- ◆ Elect. Equipment Compartment
- ◆ Panel Storage Compartment
- ◆ SPV Rack Storage Compartment

To keep costs down, the ST-150 stock trailer is sized to match the removable equipment module.

The output power receptacle configuration is based on the region or country the ST-150 is to be located and it's output voltage. Typical North American configurations are 4 NEMA 5-20R / GFCI and 1 NEMA L5-30R. The electronics and output power receptacles are accessible via windowed, locking weather tight doors that allow easy inspection of system status and energized state of the outlets.

The solar photovoltaic panel and mounting rack storage compartments also incorporate a locking weather tight door.

The ST-150 can be covered with an additional tarp for added protection in adverse environments.

Stability is accomplished via 3 jacks which are used to stabilize the unit by raising it up until the wheels no longer touch the ground. At each corner are heavy duty D-rings to tie the trailer down using 4, 30" steel ground anchors with 1400 lbs. holding capacity each. The eye bolts are also available to secure the solar panels in position if desired.

ST-150 security is accomplished with locking access doors, tamper-proof fasteners, a removable hitch and an optional wheel locking bar.