

# AIP Behind the Meter Solutions

## Container Sizes

10', 20', 40'

## Battery Storage

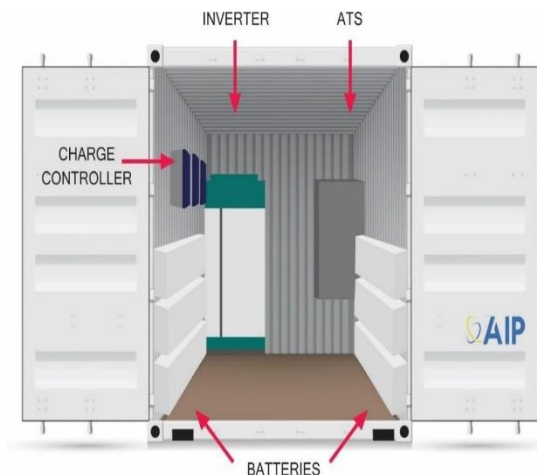
Within each sized container, the amount of battery storage and AC distribution in "kW" output varies based on customer needs.

**Standard Container Outputs** (*Actual sizes can be customized based on client load requirements*)

- 50kW (In 3-phase 208 or 277/480)
- 80kW (In 3-phase 208 or 277/480)
- 100kW (In 3-phase 208 or 277/480)
- 150kW (In 3-phase 208 or 277/480)
- 200kW (In 3-phase 208 or 277/480)
- 250kW (In 3-phase 208 or 277/480)



## AIP Energy Production/Storage/Distribution Containers.



- AIP has created a full-service solution for virtually all locations.
- This is a "Behind the Meter Solution" allowing on-site distributed energy production with no upstream transmission, no interconnect agreement, and no net metering.

**Perfect for when traditional Solar PV Net Metering is not possible for the following reasons:**

- Limited Space Available on Site. (Too many solar panels needed not enough room)
- Sizing limitations of the system by local utility or state regulations
- kWh production limitations placed by the local utility.
- Onerous interconnect agreements/net metering agreements
- Local cost per kWh too low to be competitive (poor ROI)

**How is this product integrated into a customer's location?**

Containers are connected to the customer load as the primary power on one side of an on board ATS with utility power connected to the backup side of the ATS.



# AIP Behind the Meter Solutions

## Reduced Solar Placement



## Off Grid Options



## Systems are Safety Compliant

All connections between customer load centers and utility feeds are through external UL/ETL disconnects according to NEC and local codes.

## Certifications

AIP is Currently acquiring 9540 Certs.

## Placement Review

To see if AIP can facilitate your energy requirements whether private or public behind the meter, contact our sales office.

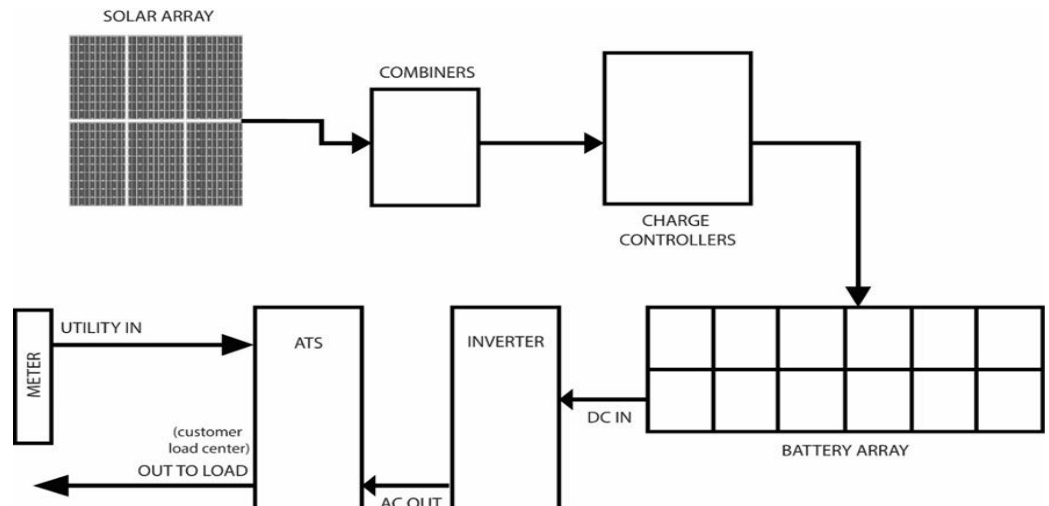
## For more information

on any of AIP products or services please visit us on the Web at:

[www.aipowerllc.com](http://www.aipowerllc.com)

## Basic System Arrangement

One possible configuration based on real-world placement requirements.



### Reduces PV Presence

EPSP Systems can and often reduce the total PV presence significantly by splitting the PV module requirements for complete fulfillment by adding our proprietary nighttime charging solution. This allows for fewer modules, a smaller overall footprint, and the ability to achieve a higher energy production capacity at a competitive price.

### Proprietary Nighttime Charging Unit

Mag-Drive charging units are efficient energy conversion devices that are available in multiple output voltages and kW sizes to satisfy the specific charge rate requirements of a battery array supplying customer load.



### Prime Power



### Energy Storage



1464 Oakdale Rd.  
Westmoreland, TN 37186

Phone 615-888-2722  
Cell: 813-205-3281