



fusion[®] 5.0kW

FULLY INTEGRATED TURNKEY SYSTEM READY FOR INSTALLATION



ASP's Fusion 5.0kw SOLAR GENERATOR

Solar Generators are designed for residential or commercial applications. These systems or generators come with various components needed for installation; such as solar panels, inverters, cables, mounting equipment, hardware, etc. Each component is tested to match up with each solar array to make sure that they produce the most energy available. Whether you're looking for a stand alone, ground or rooftop mount, ASP's solar panels are the clear choice.

FUSION™ FUS50 SOLAR GENERATOR

The FUS50 is a 5kW solar electric generator for homeowners serving as a substitute for grid connected power during sunny hours. The FUS50 is the most popular choice to offset conventional energy usage and reduce power bills among homeowners. This solar system can offset the entire electrical bill for mid size homes and potentially generate additional clean power for smaller homes. Each system is pre-engineered to optimize system performance and meet applicable NEC codes and requirements. We will have one of our certified installers come out to your home or building and perform the installation in a matter of hours.

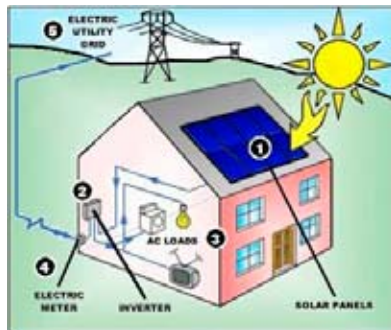


Electrical Specifications

Parameter	Value
Model	FUS50
PTC Rating	4,740w
Number of Panels	20 (ASP 250 Panels)
Panel & Mounting Weight	800 lbs. (363 kg) plus mounting
Inverter Efficiency	95.99%

ASP Fusion Kit and How it Works

1. Solar Panels
2. Inverter
3. Electrical Load
4. Utility Meter
5. Utility Grid



Solar Inverters

ASP uses high performance PV string inverters that offer high efficiency, lower cost, improved aesthetics and high reliability. These inverters are high quality products that offer the best price/performance ratio on the market.



Versatile Racking & Mounting Options

ASP's residential and commercial roof solutions accommodate the full range of ASP modules, providing customers with flexibility & options. Minimal parts, faster installation, reduced labor expenses and versatility culminate in a customer-friendly design that will last for years.



APPLICATIONS

- Powering Transportation
- Powering Schools
- Powering Homes
- Powering Business
- Powering Military Bases
- Powering Gas Stations
- Powering Disaster Control Centers
- What will you power?



**KITS QUALIFY FOR
30% TAX INCENTIVE!!**

**Utility Incentives: Net
Metering**

**Florida \$4.00 a watt
rebate program**

Installation packages include:

- Twenty (20) ASP250 PV modules
- AC and DC out, neutral and ground bus wires
- Inverter: Optimized for highest efficiency with ASP solar panels
- PV array circuit combiner box
- Stainless steel screws and mounting hardware
- Module mounting rail set

The contents of this document are subject to revision without notice. ASP shall not be liable for any errors contained in this material or for incidental or consequential damages in connection with the listed performance or use of this material.



400 Rinehart Road #1060 • Lake Mary, FL 32746 USA
www.advancedsolarphotonics.com • info@advancedsolarphotonics.com
 Tel: 407.804.1000 • Fax: 407.333.9143