

## Your solar panels can provide power during an outage



# The SMA Secure Power Supply (SPS)

Homeowners with “grid-tied” solar electric systems are unable to use the energy generated by their solar panels during a power outage. This is a safeguard implemented to protect utility line workers from being electrocuted by energy feeding back into the grid. The system’s inverter is the device that sends this energy back to the grid. During a power outage the inverter’s function becomes disabled for safety. This is true of all grid-tied solar inverters except the SMA “TL” series of inverters

***SMA “TL” series inverters can be equipped with an optional SPS device, allowing homeowners to use their solar panels as a primary energy source during a daytime power outage.***

SMA America, the largest and oldest inverter manufacturer in the world now offers their “TL” series of inverters that allow homeowners to have power from their solar panels when the grid is down and the sun is shining. This feature eliminates the need for battery storage by drawing energy directly from the solar panels. The SPS can supply the homeowner with 1500-watts of power delivered through the SPS integrated outlet.

***The SPS allows homeowners to garner up to 1500-watts of power @120VAC from a dedicated outlet mounted directly at the inverter.***

Specialized hybrid solar systems rely on a bank of batteries to provide back-up power during a grid outage. In this type of system, the inverter disconnects from the grid and routes power from a battery bank to the home. However, batteries require frequent maintenance, have a relatively short service life and are costly to replace. The SMA “TL” eliminates the need for batteries and energy storage devices of all kinds, allowing you to draw energy directly from your solar panels.



### **Secure Power Supply (SPS)**

1500-watts @ 120VAC, maximum 12 amps



Now 2 Locations to serve you!



**Danville Showroom**  
730 Camino Ramon, Suite 180  
RoseGarden Center  
Danville, CA 94526



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(888) 888-0711 [YourEnergySolutions.com](http://YourEnergySolutions.com)