

SIGS Mobile Solar and Wind Powered Energy and Communication Systems



GSW7000 Platform

The GSW7000 combines solar & wind power on a self-erecting 106' tower with two to three day's worth of on-board battery storage. Standard configurations support various forms of communications ranging from secure communications for the military and disaster relief to open cellular communications for the general public. The solar booms provide maximum solar power through SIGS's integrated full-azimuth tracking technology. The complete system can be remotely monitored and controlled. The GSW7000 can be stowed and deployed remotely using the mobile application in the event of hurricane, insurgents, or other impending disaster. The GSW7000 provides flexible mounting for communication, lighting and surveillance applications and can be tailored to meet the requirements of any application.

GS6000 - Generation Solar 6000 Watts

The GS6000 is designed for military applications and fits aboard a standard Mil Spec tow-behind trailer. The unit produces 6000 Watts of power from a solar-only configuration. Because of its on-board 2-axis tracking technology, the GS6000 produces an average of 59% more power than conventional horizontal solar panels.

GSC1000 - Generation Solar Command 1000 Watts

The GSC1000 provides 1000 Watts of power, Wireless Internet connections, Voice over IP phones (VOIP) and 12V Automobile style chargers all in a mobile 6x10 trailer that can be towed by almost any car or truck. The GSC1000 can be set up in under 10 minutes or stored for years either inside or out. The SPC1000 has been designed with triple power redundancy. The GSC1000 has a 24 volt 183 aH Gel type battery bank as well as 1000 watts of Solar panels and a 1000 watt propane powered generator. The GSC1000 is designed for years of reliable carefree operation. The GSC1000 provides cost-effective price and performance in a simple to set-up, integrated platform. The platform can sustain winds of up to 120 mph when equipment is stowed and operate in winds of over 60 mph.



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GS500 - Generation Solar 500 Watts

The GS500 is an entry level solar-only solution that is easily transported behind any vehicle with a hitch. The GS500 provides 500 Watts of power and has a 24 volt 183 aH Gel type battery bank that is designed for years of reliable carefree operation.

Remote Command and Control

SIGS's Mobile Renewable Power, Communications and Water platform solutions can be remotely managed and controlled by a specialized mobile hand-held and PC application. That means that you can stow, deploy, command and monitor one or an entire fleet of units remotely from any location on earth.

On-Board Water Purification

Water purification units are also available for SIGS's rapidly deployable and mobile communications platform. Optional configurations for these systems include on-board water ultra filter / ultra violet, and ultra filter / ultra violet with reverse osmosis.

