



GreenMountain Engineering Develops Innovative Remote Power Device

SAN FRANCISCO, CA – May 2, 2007 – GreenMountain Engineering announced that it has completed the design and testing of an innovative remote power device. The “Solar in a Tube,” or SIAT, uses a 20 watt roll-out flexible solar panel and a battery storage unit to provide power for aid workers, researchers and travelers in remote locations.

The concept for this product was developed through GreenMountain’s involvement with Engineers Without Borders. Tyler Palmer, President of GreenMountain and head of the EWB West Coast region was particularly aware of the limitations of similar products currently on the market. “From our own experiences and those of our colleagues, we realized that the available remote power options didn’t meet the needs of today’s travelers and aid workers.” The first generation product was developed at GreenMountain’s San Francisco lab.

The SIAT provides a full complement of useful features in a convenient size and shape. Compared to similar products the design features over two times the energy storage capacity in a 40% smaller package. The roll-up solar design allows for a larger surface area for solar cell charging, and other features include a 12V LED Light, a 120V AC plug and 240 watt-hours of battery storage capacity, enough to run a laptop for over 10 hours.

	SIAT	Leading Competitors*
Weight:	13 lbs	14 lbs
Energy Storage Capacity:	20 Ah	9.2 Ah
Power Generation Capability:	20W	15W
Physical Dimensions:	350 in ³	720 in ³
LED Light	Yes	No
120V AC Plug	Yes	No

* [Power Dock Elite](#) (from GO Solar Company)

All these features came in handy when GreenMountain engineer Dave Youmans took the SIAT to Tanzania last August. While he worked with an Engineers Without Borders team to assist a community in the construction of a medical dispensary, Dave used the device to power several key electronic devices. “The SIAT was very convenient for traveling and stood up to a lot of abuse. It ran my computer for longer than heavier units I’ve used in the past. I used it run my laptop, recharge camcorder batteries and light up a room – and it worked great for all.”

GreenMountain is currently seeking opportunities for further development of the Solar in a Tube. The company is looking for relief organizations with a need for this product or companies interested in licensing opportunities.

For information on licensing opportunities or product purchasing, please contact:
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About GreenMountain Engineering

GreenMountain Engineering, LLC is a consulting firm specializing in the design of new devices, products and production systems for clients in renewable energy and other clean technologies. GreenMountain is known for innovative approaches to new products and new manufacturing equipment. GreenMountain Offices are in San Francisco and just outside Boston in Waltham, MA.

