



# Milispec International

## **The Solar Powered Compound**

**Solar Power for Defense and Humanitarian purposes**



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### Solar Power for Defense and Humanitarian purposes

With the use of solar power it is possible to minimize the dependency of fuel, logistics, spare parts and maintenance. Once installed it can be used for a long period of time. Solar power has a low vulnerability, works autonomous and needs no re-supplies other than sunlight.

### 3 typical configurations

- Island configuration
- Power generator + solar panels
- Mixed option

### Advantages per configuration

#### Island configuration

- No fuel requirement
- Silent
- Clean
- Proven technology
- Low maintenance

#### Power generator + solar panel

- No batteries => lightweight system
- Unlimited solar power output
- Secure power output
- Lower fuel consumption
- Operational at night

#### Mixed option

- Choice of primary system according to circumstance.
- Always one backup system available.

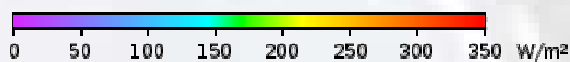
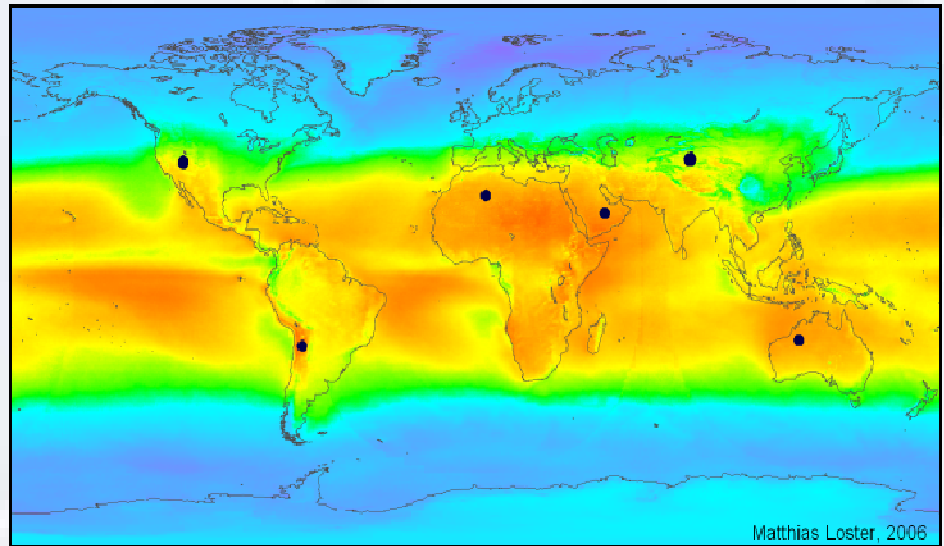
### Use of solar power

#### Electricity with solar panels

- System operation
- Battery recharging (cars, trucks, etc).

#### Heat with solar heat collectors

- Showers
- Laundry
- Kitchen
- Hot water



$\Sigma \bullet = 18 \text{ TWe}$

#### Mixed option - electrical lay-out

