

Future Energy ... Today

Description

Ambulance on highways imperative to saving lives in the incidents of life-threatening injuries resulting from road accidents. As these sites run on either highly interrupted grid, or diesel generators, the failure of these conventional systems might result in direct calamity to human life.



Thus, the idea of using photovoltaic systems to run highway ambulance sites from the crucial need to have around-the-clock sustainable power generation, that supports first-aid tools, operation lighting, refrigerators, HF/VHF equipment, small operating rooms, and charge necessary equipment within ambulance cars.

The photovoltaic system was, not only essential for ambulance requirements, but it kept ambulance personnel ready and organised to move quickly and efficiently. We have also used photovoltaic systems with healthcare centres in the Western desert to provide medical services such as; first aid, and primary medical care to Western desert inhabitants.

Highlights

- No of Sites : 45 Sites
- Plant Energy : 4,000 KWH/Year
- Battery Capacity : 48 KWH
- Installation Period Per Site : 5 Days