

WIND SOLAR HYBRID (WISH) SYSTEM

INTRODUCTION

Wind Solar Hybrid (WiSH) System with State-of-the-art light weight rotor with advanced aerodynamic design and composite blades and having a Charge controller which ensures steady power supply (adapted to suit hybrid power system, with battery overcharge protection).The system includes a wind turbine, solar photovoltaic unit, charge controller, outdoor control panel and a battery bank. A 500W wind-solar hybrid system that is capable of providing power in standalone situations such as bore wells, pumps and other non heavy applications.

APPLICATIONS

- Catering to domestic and agricultural energy requirements in off-grid villages of the country.
- Roof top variant of WiSH system to meet the requirements of large domestic building in urban areas.

SALIENT FEATURES

- Superior performance for low speed Indian wind regimes, compared to international counterparts
- Auto furling over speed protection
- Charge controller which ensures steady power supply

SCALE OF DEVELOPMENT: Technology Commercialised.

