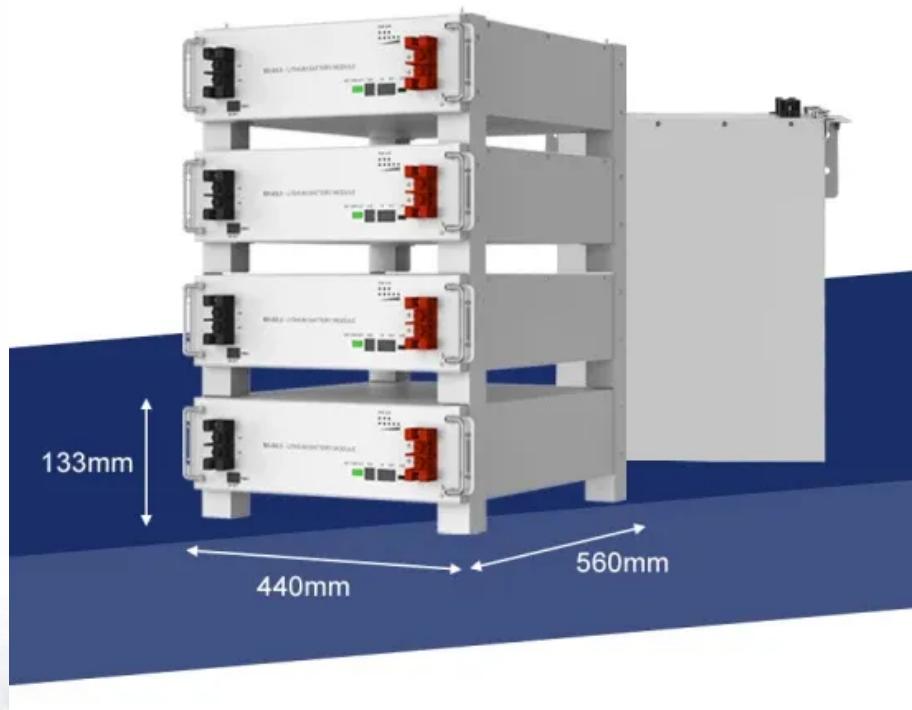


# **Power system design of wind-solar hybrid power generation system**



## Overview

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People have harvested energy from the wind for quite a long time. Sails for boats, windmills for crushing grain or pumping water are a couple of illustrations. There is recharged intrigue now in energy harvesting from the wind, since it. People have harvested energy from the wind for quite a long time. Sails for boats, windmills for crushing grain or pumping water are a couple of illustrations. There is recharged intrigue now in energy harvesting from the wind, since it offers a contamination free method for producing power on a huge scale. The framework that fulfils the transformation of wind energy to power is known as a wind turbine. Presently a-days power is turning out to be rare. So in future, the renewable assets will be utilized to produce power. Indeed, even these days, 5% to 10% of the power is produced from wind and solar. In the meantime, every single work of the person is computerized by machines however the power generation is not up to the level. Above being the case, a hybrid wind and solar energy system was developed for t.

Wind turbineSolar panelHybridAvailable online at ScienceDirect Materials Today: Proceedings 5 (2018) 11415–11422 ICMMM - 2017 Design and Development of Hybrid Wind and Solar Energy System for Power Generation B.N. Prashanth<sup>1</sup>\*, R. Pramod<sup>1</sup>, G.B. Veeresh Kumar<sup>1</sup> <sup>1</sup>Dept of Mechanical Engineering, Amrita School of Engineering, Bengaluru, Amrita Vishwa Vidyapeetham, Amrita University, India Abstract People have harvested energy from the wind for quite a long time. Sails for boats, windmills for crushing grain or pu.

1.Dr Allabaksh Naikodi, "Solar-Wind Hybrid Power for Rural Indian Cell Sites", 978-1-4244-9380-7/10, 2010, IEEE.Google Scholar2.Prashant Baredar, V. K. Sethi, Mukesh Pandey, "Correlation analysis of small wind-solar-biomass hybrid energy system", installed at RGTU Bhopal, MP (India), Received: 16 September 2008 / Accepted: 18 February 2009 / Published online: 25 March 2009.Google Scholar3.Wang Jinggang, Gao Xiaoxia, "The Economic Analysis of Wind Solar Hybrid Power Generation System in Villa", International Conference on Energy and.

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