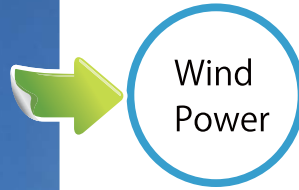


Mabuchi hybrid pole 「Wind power and Solar system」

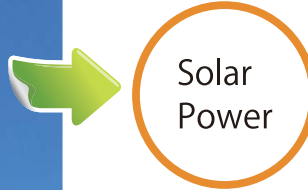
Japan Sustainable Free Powered Energy System Exploit & Promotion Association recommended



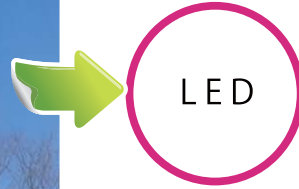
【 Specification 】 MHB6.5-1000 [Standard specification]



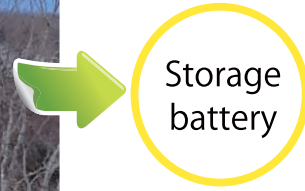
Rated output	1,000W (12,5 m/s)
Blade diameter	1,830mm
Generator:	Small type non-contact core-less AC generator



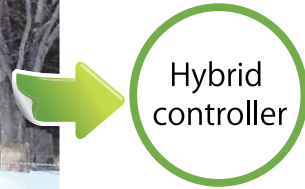
Rated output	140W x 2 panels
Size (mm)	1,476 x 660 x 35



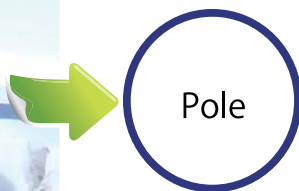
Illuminance	50W directly under 84.4 LUX
	30W directly under 61 LUX



Type:	Sealed deep cycle
Capacity:	12V 100Ahx2



Input control:	Overcharge-Overcharge prevention Full charge – Strong wind brake
Output control:	Night automatic lightning Timer setting



Surface treatment:	Power coating after hot-dip galvanization
Pole height:	6.5m

Installed in March 2014 at Natural house in Miyagi, Zao

Note) The above specifications are subject to change without notice.

[Features of Mabuchi-hybrid pole]

Power generation system producing power that can be used immediately at time of need (Point of Use)

Complex multiple power generating device that generates hybrid wind and solar energy.

“Local production-local consumption” type of power production system utilizing natural clean energy.

Independent in-house power generation multi-functional street light that does not need commercial power

※"Standard" non-selected options and all about this leaflet published photograph.



Contact Us

<http://mabuchi-engineering.com/>

Mabuchi Engineering, Co.Ltd

Environmental Division Phone **+81-022-247-0181**

4-10-2, Koriyama, Taihaku-ku Sendai-shi, Miyagi, 982-0003, Japan

Utilization of geographically distributed smart devices in variety of scenes.



Higashi-Matsushima Community center
Installation in November 2013

[Standard specification]



In front of City office of Natori-city, Miyagi-pref.
Installation in May 2011

Small generators

Low noise designed, can be placed to locations where people gather without disrupting surrounding landscape

Can be installed to a locations with no electrical wiring, such as coastline and mountainous areas

Can be used as a guide light during disaster by installing the hybrid poles following refuge path.

Can be used as an emergency power source by converting generated electricity to AC100V by inverter (option).

Can be used as learning aid for environmental education

Disaster control



Higashi-Matsushima Hamaichi Shore
Installation in February 2014

Cooperation of Panasonic Corp. tsunami surveillance camera system and hybrid wind power generation system.



Natori city Yuriage old elementary school
Installation in January 2014

Environmental Education



Sendai technical college, Natori campus-night LED lightning.
Installation in March 2012

Crime Prevention

Contact Us

Mabuchi Engineering, Co.Ltd
Environmental Division

Phone **+81-022-247-0181** <http://mabuchi-engineering.com/>
4-10-2, Koriyama, Taihaku-ku Sendai-shi, Miyagi, 982-0003, Japan