



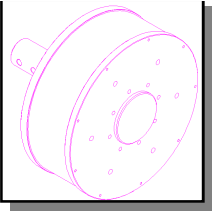
SKY-Grid Inverter

SEOLTECH Co., Ltd.

100-180 Calsan Dong, Dalseo-Ku, Daegu Korea 704-900

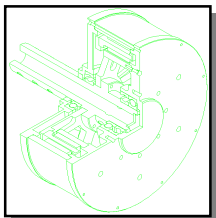
Tel: +82-53-583-2682 Fax: +82-53-583-2683

e-mail : skywindearth@skywindearth.com or skywindearth@hotmail.com



Wind Turbine Grid Tie Inverter Specification

MODEL	SKY-300(PV/Wind)	SKY-500(PV/Wind)	SKY-1000(PV/Wind)
Rated Power	3Kw	5Kw	10Kw
Phase	Single	3	3
Frequency	60Hz / 50Hz (+-0.3Hz)	60Hz / 50Hz (+-0.3Hz)	60Hz / 50Hz (+-0.3Hz)
Voltage	AC 220V (+10%/-12%)	AC220V / AC 380V / 480V (+10%/-12%)	AC220V / AC 380V / 480V (+10%/-12%)
Type	Boost(non isolated)	isolated	isolated
Control	MPPT (Maximum Power Point Tracking)	MPPT (Maximum Power Point Tracking)	MPPT (Maximum Power Point Tracking)
Operating Voltage	150 - 500V DC	200V ~ 600V DC	200V ~ 600V DC
Nominal Voltage	350VDC	200VDC(PV) / 450VDC(Wind)	200VDC(PV) / 450VDC(Wind)
Rated DC Current	20A	25A(PV) / 12A(Wind)	50A(PV) / 23A(Wind)
AC Current Distortion	Total less than 3%	Total less than 3%	Total less than 3%
Power Factor	More than 0.95	More than 0.95	More than 0.95
Efficiency	95%(Rated Power)	95%(Rated Power)	95%(Rated Power)
Overload Capability	100%	110%	110%
Method of Cooling	Air cooling	Forced air cooling	Forced air cooling
Display	Character LCD & Keys	TFT LCD + TOUCH SCREEN	TFT LCD + TOUCH SCREEN
Interface	RS-232 / 485, Web(Optional)	RS-232 / 485, Web(Optional)	RS-232 / 485, Web(Optional)
Protection	Over/Under- Voltage(DC/AC), Frequency, Auto Shut down/ restart, Phase shift detection and active - Islanding, below 0.5sec, Over load, Over Heat	Over/Under Voltage(DC/AC), Frequency, Auto Shut down/ restart, Phase shift detection and active - Islanding, below 0.5sec, Over load, Over Heat	Over/Under Voltage(DC/AC), Frequency, Auto Shut down/ restart, Phase shift detection and active - Islanding, below 0.5sec, Over load, Over Heat
Operating Temperature	-10 ~ 50 °C	-10 ~ 50 °C	-10 ~ 50 °C
Normal Temperature	-20 ~ 60 °C	-20 ~ 60 °C	-20 ~ 60 °C
Humidity	0- 95%(Non-Condensing)	0~ 95%(Non-Condensing)	0~ 95%(Non-Condensing)



Renewable Energy Devices
www.skywindearth.com or www.seoltech.com



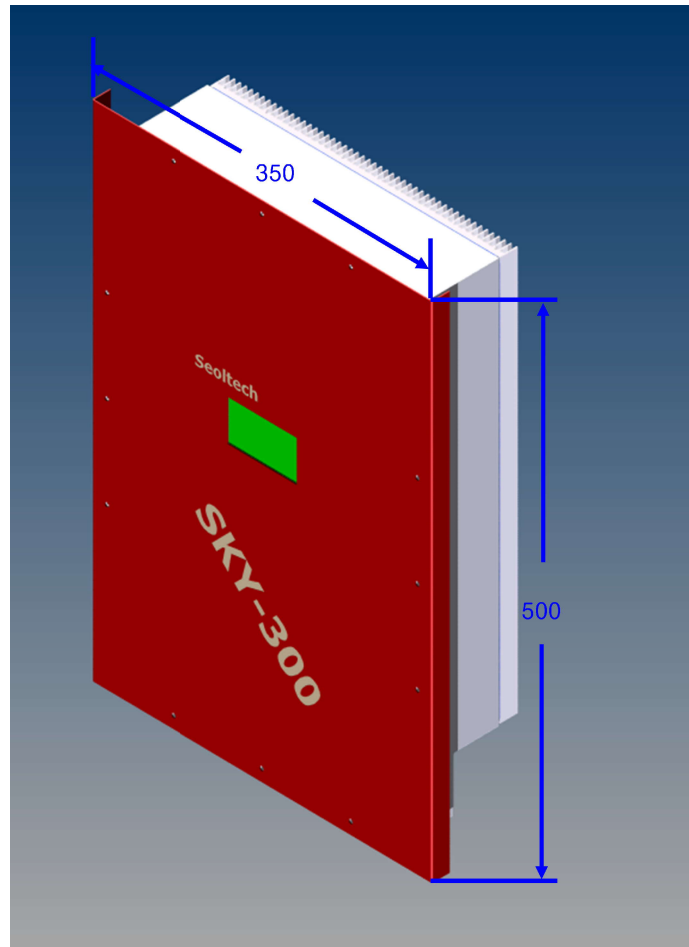
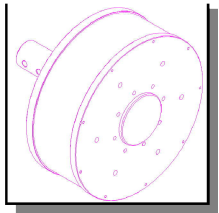


SEOLTECH Co., Ltd.

100-180 Calsan Dong, Dalseo-Ku, Daegu Korea 704-900

Tel: +82-53-583-2682 Fax: +82-53-583-2683

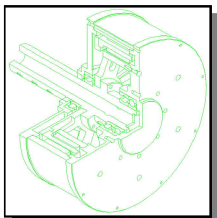
e-mail : skywindearth@skywindearth.com or skywindearth@hotmail.com



Model: SKY-300



Model: SKY-1000



Renewable Energy Devices
www.skywindearth.com or www.seoltech.com



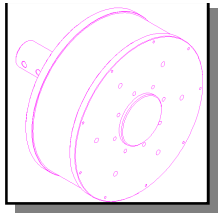


SEOLTECH Co., Ltd.

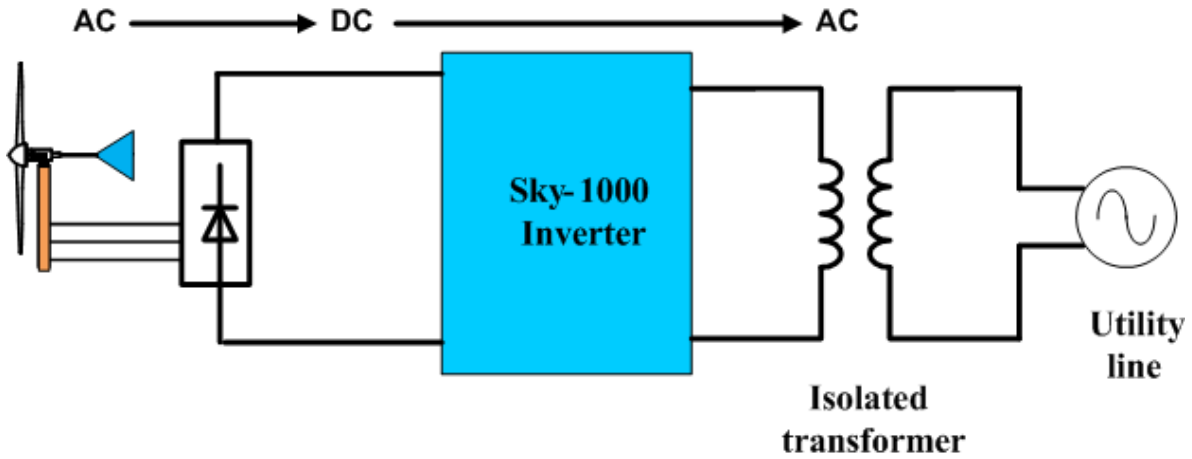
100-180 Calsan Dong, Dalseo-Ku, Daegu Korea 704-900

Tel: +82-53-583-2682 Fax: +82-53-583-2683

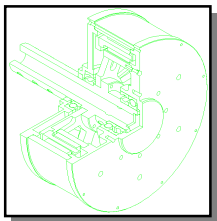
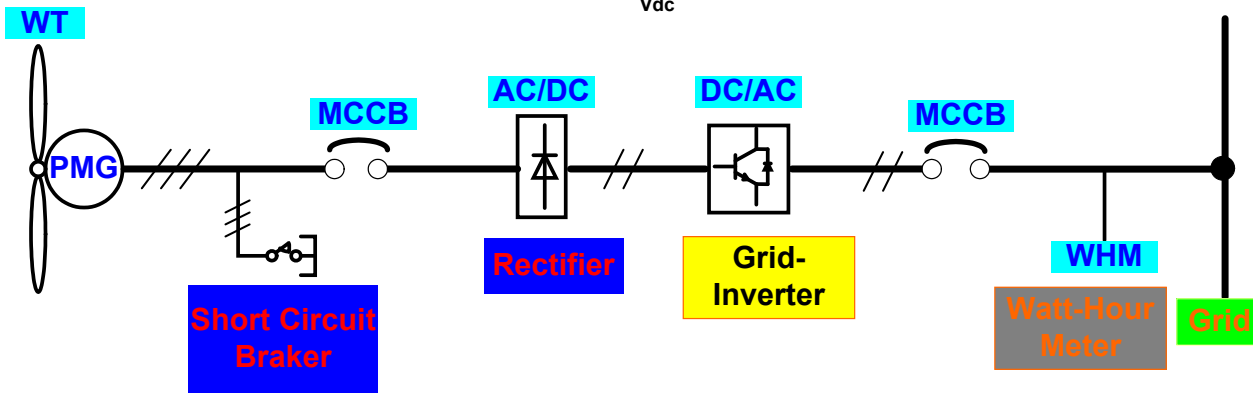
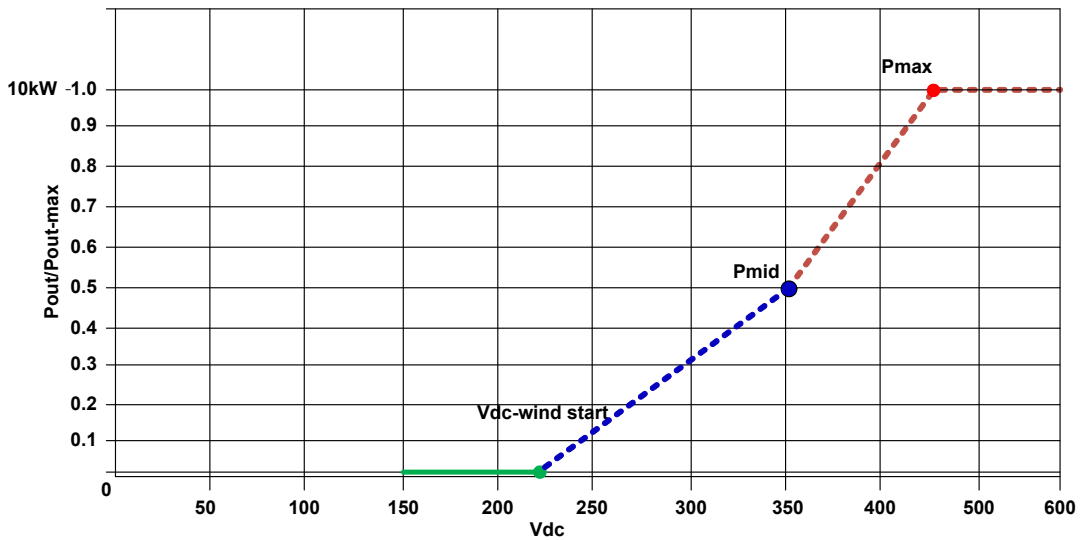
e-mail : skywindearth@skywindearth.com or skywindearth@hotmail.com



Grid-Connected System For Wind & Solar



Operating Mode: 10kW Turbine



Renewable Energy Devices
www.skywindearth.com or www.seoltech.com

