

EEWGIT Series

## 10KW Integrated Inverter&Controller Grid-tie Three Phase



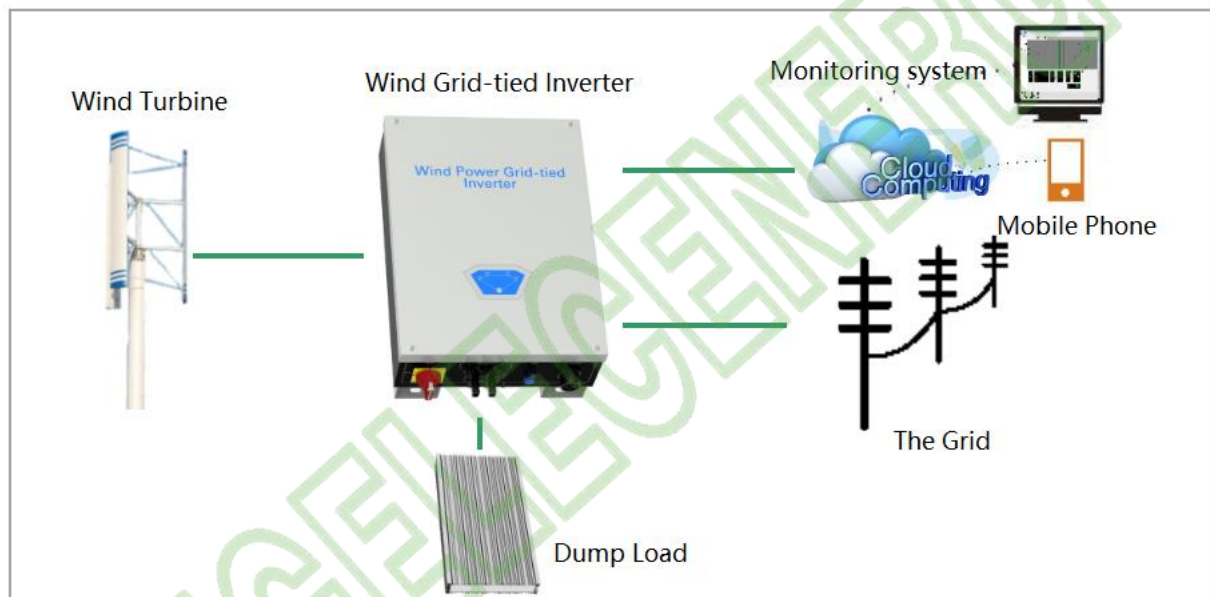
### Applications

EEWGIT100 is wind power grid-tied controller&inverter integrated machine with MPPT function for Solar&wind hybrid power distributed grid-tied system. It looks concise and can be easily operated.

## Features

- Wind Controller&Inverter integrated machine
- MPPT included, and 30 points settable
- Complete protection functions.
- RS485 monitoring mode optional.

## System Diagram



## Technical Parameters

Model	EEWGIT100
<b>Wind Turbine Input</b>	
Rated input power	10kW
Rated input voltage	450Vac
Input voltage range	0~600Vac

Start charge voltage	120Vac(Factory default, 80~600Vac settable)
Rated input current	13Aac
Manual brake	Keep pressing the button for 5s to unload completely, and then recover by pressing it for another 5s.
Brake by overcurrent	15Aac (factory default, 0~15Aac settable) it dumps load completely when overcurrent, and will recover after 10 mins automatically.
Brake by over wind speed ( optional )	18m/s ( factory default, 0-30m/s settable ) , it dumps load completely when reached the set wind speed, and recover automatically after working 10mins and wind speed is less than 15m/s.
Brake by over rotational Speed ( optional )	500r/min ( factory default, 0~1000r/min settable ) Unload completely when reached the set rotational speed, and recover automatically after 10mins.
<b>AC Output</b>	
Grid Type	Three-Phase
Rated output power	10kW
Rated Grid voltage	400Vac
Grid voltage range	310~450Vac
Rated Grid frequency	50Hz
Work frequency range	48Hz~52Hz
Rated power factor	>0.99
Thd	<3% (at rated power)
Rated output current	25Aac
<b>Protection Functions</b>	
DC input overvoltage protection	YES
AC output overvoltage/ undervoltage protection	YES
AC output overfrequency/ underfrequency protection	YES
DC input overload protection	YES

AC short circuit protection	YES
Surge protection	YES
Anti-islanding protection	YES
Over-temperature protection	YES
Lightning protection	YES
<b>General Parameters</b>	
Rectifier mode	PWM
Display mode	LCD display
Display information	wind voltage/current/power, output voltage/current /power
Monitoring mode(optional)	GPRS
Monitoring contents	Real-time display: wind voltage/current/power, output voltage/current /power
Efficiency	> 96%
Isolation mode	No transformer
Ambient temperature	-20℃ ~ +40℃
Humidity	5% ~ 95%, No condensing
Noise	≤65dB
Cooling mode	Natural cooling
Installation mode	Wall-mounted
Cover protection class	IP54
Product dimension (W*H*D)	784×514×265mm
Product net weight	48kg
Dump load dimension(W*H*D)	520×550×430mm
Dump load net weight	45kg

**Note: Part of parameters can be adjusted according to customer's specific demand.**