



MIT Series Off-grid Three-phase Inverter

## Applications

- Application in wind, Solar, Wind&Solar hybrid off-grid power generation station.
- Power supply for those unmanned regions like the coastal islands, remote mountainous regions and border posts.

## Features

- Can be applied in wind, solar, wind&solar hybrid off-grid power generation system.
- Simple structure, complete function
- Safe and reliable by using industrial frequency transformer
- RS232/RS485/GPRS optional (Those with GPRS can also be monitored through App.)
- CE certification

## Technical Parameters

Model	WIT30-96	WIT50-48
<b>DC Input Parameters</b>		
Rated battery voltage	96Vdc	48Vdc
Input overvoltage point	136Vdc	68Vdc
Input overvoltage recovery point	132Vdc	66Vdc
Input undervoltage point	86.4Vdc	43.2Vdc
Input undervoltage recovery point	96Vdc	48Vdc
<b>AC Output Parameters</b>		
Output phase number	Three-Phase	
Rated output power	3KVA	5KVA
Rated output voltage	380Vac	
Rated output frequency	50/60±0.5HZ	
THDi	<5%	
<b>Efficiency</b>		
Max. conversion efficiency	≥85%	
<b>Protection Functions</b>		
DC input overvoltage/undervoltage protection	YES	
DC reversed connection protection	YES	
AC output overload protection	YES	
AC short circuit protection	YES	
Surge protection	YES	
Over-temperature protection	YES	
<b>General Parameters</b>		
Display mode	LCD	
Isolation mode	Industrial frequency isolation	
No-load current	≤1A	≤0.8A
Environment temperature	-20℃~+40℃	
Humidity	5%~95%,No condensing	
Noise	<60dB	
Cooling mode	Forced air cooling	
Cover protection class	IP20	

Product dimension(W*H*D)	320×525×560mm	500×725×500mm
Product net weight	41kg	77kg
<b>Note: the listed specs are just for your reference</b>		