



LIT 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	WIT100-120	WIT100-240	WIT200-240	WIT300-240
<b>DC Input Parameters</b>				
Rated battery voltage	120Vdc	240Vdc	240Vdc	240Vdc
Input overvoltage point	170Vdc	340Vdc	340Vdc	340Vdc
Input overvoltage recovery point	165Vdc	330Vdc	330Vdc	330Vdc
Input undervoltage point	108Vdc	216Vdc	216Vdc	216Vdc
Input undervoltage recovery point	120Vdc	240Vdc	240Vdc	240Vdc
<b>AC Output Parameters</b>				
Output phase number	Three-Phase			
Rated output power	10KVA	10KVA	20KVA	30KVA
Rated output voltage	380Vac			
Rated output frequency	50/60±0.5HZ			
THDi	<5%			
<b>Efficiency</b>				
Max. conversion efficiency	≥90%			
<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	≤2A	≤1.25A	≤2A	≤2.5A
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)	500×710×500mm	600×1180×600mm	
Product net weight	121kg	200kg	280kg
<b>Note: Part of parameters can be adjusted according to customer's specific demand.</b>			