



# High Voltage

## Three phase inverter

### 10kW/15kW/20kW



Flexible design



Efficient conversion



Grid friendly



Excellent qualities

Model Name	10KTLC	15KTLC	20KTLC
<b>Input</b>			
Max. DC input power	13000W	19500W	26000W
Max. DC input voltage		1100V	
Max. DC input current	18/18A	18/18A	30/30A
MPPT voltage range		180-1000V	
Recommended MPP operating voltage		650V	
No. of MPPT		2	
Max. no. of strings per MPPT	1/1	1/1	2/2
<b>Output</b>			
Rated output power	10000W	15000W	20000W
Max. output power	11kVA	16.5kVA	22kVA
Max. output current	16.7A	25A	32A
Rated grid voltage		400V	
Grid voltage range		310-480Vac	
Rated grid frequency		50Hz/60Hz	
Grid frequency range		45~55Hz/55~65Hz	
THD		<2% (Under the rated power)	
Power factor	>0.99 (Under the rated power) / Adjustable range: 0.8 leading~0.8 lagging		
DC current injection	<0.5% (Under the rated power)		
<b>System data</b>			
Max. efficiency	98.6%	98.7%	98.7%
Euro. efficiency	98.2%	98.2%	98.2%
Humidity range	0~100%, non-condensing		
Cooling type	Intelligent air cooling		
Temperature range	-25℃~60℃		
Power consumption at night	<1W		
Max. working altitude	4000m		
Display	LED indication / LCD display (Optional)		
Communication interface	Wifi/RS485/GPRS		
<b>Mechanical data</b>			
Dimensions (WxHxD)	427x510x190mm		427x439x212mm
Weight	15kg		18kg
Protection class		IP66	
<b>Standard</b>			
	NB/T 32004-2018; IEC61727	NB/T 32004-2018; IEC 62109-1/2	IEC61000-6-2/4