



# High Voltage

## Three phase inverter

### 50kW/60kW



Flexible design



Efficient conversion



Grid friendly



Excellent qualities

Model Name	50KTLC	60KTLC
<b>Input</b>		
Max. DC input power	65000W	78000W
Max. DC input voltage	1100V	
Max. DC input current	45/45/45A	
MPPT voltage range	250~1000V	
Recommended MPP operating voltage	650V	
No. of MPPT	3	
Max. no. of strings per MPPT	3/3/3	
<b>Output</b>		
Rated output power	50000W	60000W
Max. output power	55KVA	66KVA
Max. output current	80A	96A
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(rated power) /0.8 leading ~ 0.8 lagging	
DC current injection	< 0.5% (Under the rated power)	
<b>System data</b>		
Max. efficiency	98.7%	98.9%
Euro. efficiency	98.3%	98.5%
Humidity range	0-100% non-condensing	
Cooling type	Intelligent forced air cooling	
Temperature range	-25~+60°C	
Power consumption at night	< 1W	
Max. working altitude	4000m	
Display	LED/LCD(optional)	
Communication interface	RS485/Wifi/GPRS(optional)	
<b>Mechanical data</b>		
Dimensions (WxHxD)	681x660x282mm	
Weight	47Kg	
Protection class	IP66	
<b>Standard</b>		
NB/T32004-2018; GB/T19964-2012	NB/T32004-2018	IEC 61000-6-2/4