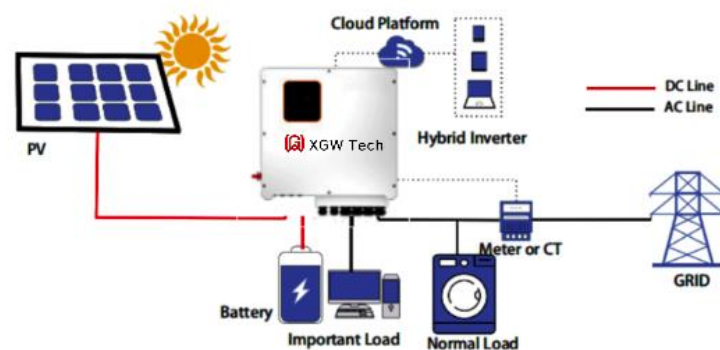


## Low voltage hybrid inverter: 8KW/10KW/12KW

### Main features:

1. Wide input voltage range, compatible with lead-acid or li-ion
2. Natural cooling, low noise
3. Wall mounted IP65
4. LCD touch screen
5. Compatible anti counter flow functions
6. Battery reverse connect protection
7. Intelligent energy management system for home
8. Power dispatching and demand side response management
9. Distributed virtual power station management



## Three phase low voltage hybrid inverter



Model	NK-LB8000P3	NK-LB10000P3	NK-LB12000P3
Rated power	8000W	10000W	12000W
<b>DC Input</b>			
Start up Voltage	125V		
Max PV voltage	1000V		
MPPT Voltage range/Rated input Voltage	370-800V/720V		
Max operating input current	11A		
MPPT tracker/strings	2/1		
<b>AC input/Output(on-grid)</b>			
Rated power	8000W	10000W	12000W
Max.apparent AC Power	8KVA	10KVA	12KVA
AC Normal output Voltage range	400V/360V-440V		
AC Grid frequency/range	50Hz,60Hz		
Max.output current	13.3A	16.7A	20A
Adjustable power factor range	0.8 lagging to 0.8leading		
Grid system pattern	3W+N+PE		
Harmonic distortion (THD) at rated output	<3%		
<b>Eps output</b>			
Rated power WVA	8KVA/8000W	10KVA/12000W	12KVA/12000W
Rated Voltage	400Vac		
Rated Current	12A	15A	18A
Output THDU	<2%		
Parallel operation	YES		
Automatic switchover time	<20ms		
<b>Battery</b>			
Battery type	Lithium/Lead-acid		
Battery voltage range	170-500V		
Max.charging voltage	500V		
Max charging/discharging current)	25A	25A	30A
Deep of discharging	80%DOD/50%DOD		
Communication interface	CAN/RS485		
<b>Efficiency &amp;Protection</b>			
DC Max efficiency	96.5%/96%		
Europe efficiency	97.6%		
Battery efficiency	97.0%		
MPPT efficiency	99.9%		
<b>General Data</b>			
Self-consumption(at night)	<3W		
Heat dissipation mode	Natural		
Topology	Transformerless		
Degree protection	IP65		
Operation temperature	-25℃ to 60℃		
Humidity	0-95%( non-condensing)		
Dimension	550*200*515mm		
Attitude	<2000meter		
LCD display	YES		
Communication interface	WIFI/LAN/RS485/CAN/DRM		