

# AMENSOLAR

N3H-A8.0/N3H-A10.0  
N3H-A12.0



- Three Phase Hybrid Inverter
- 44~58V low-voltage batteries



## Easy Installation

Flexible configuration, plug and play set-up  
built-in fuse protection



## Max efficiency

MPPT efficiency up can reach to 99.5%



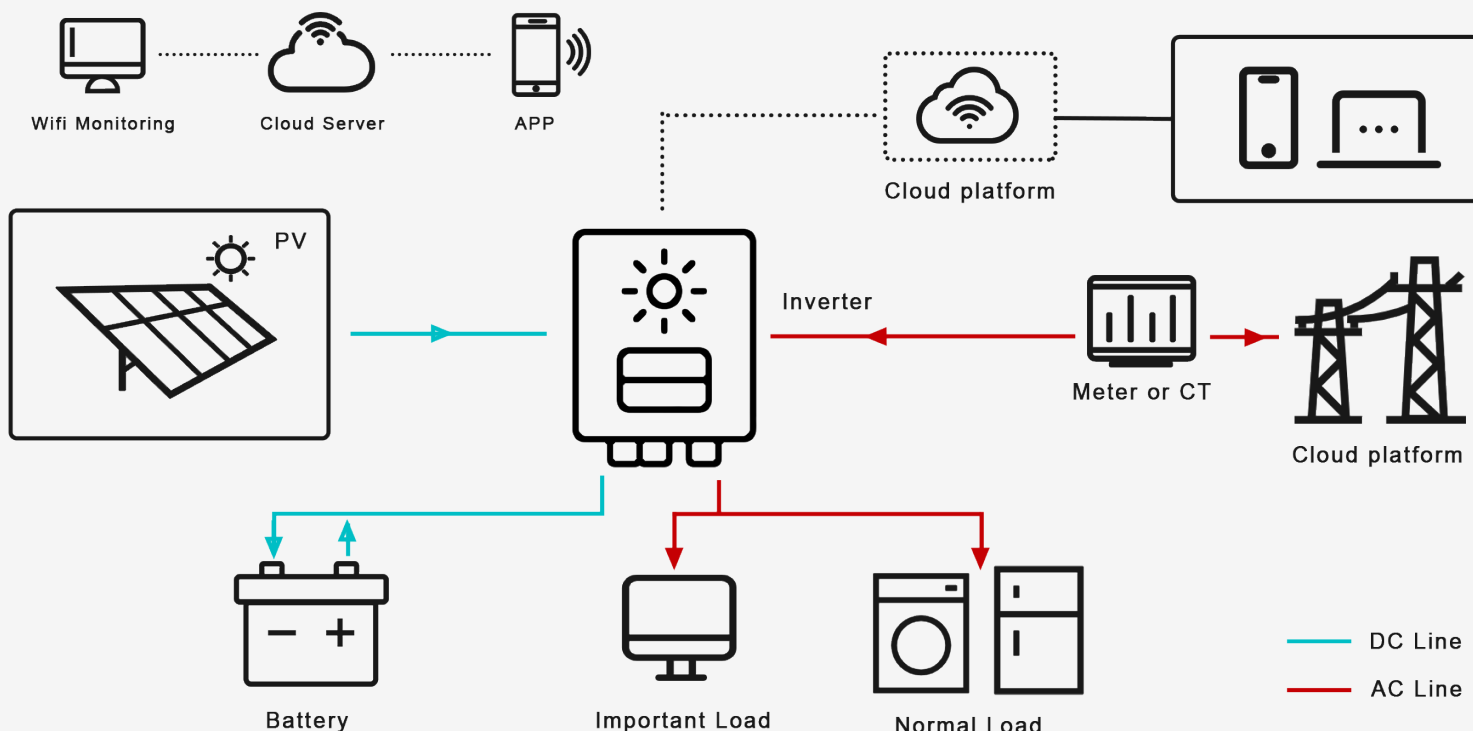
## IP65 Rated

Engineered to last with maximum flexibility  
Suitable for outdoor installation

## SOLARMAN

## Remote Monitoring

Monitor your system remotely  
via smartphone app or web portal



Model:	N3H-A8.0	N3H-A10.0	N3H-A12.0
<b>PV input parameter</b>			
Maximum input voltage	1100 Vd.c.		
Rated Voltage	720Vd.c.		
MPPT voltage range	140~1000 Vd.c.		
MPPT voltage range (full load)	380~850 Vd.c.	420~850 Vd.c.	480~850 Vd.c.
Maximum input current	2*15 Ad.c.		
PV ISC	2*20 Ad.c.		
<b>Battery input/output parameter</b>			
Battery type	Lithium or lead-acid		
Input voltage range	44~58 Vd.c.		
Rated voltage	51.2Vd.c.		
Maximum input/output voltage	58 Vd.c.		
Maximum charging current	160 Ad.c.		
Maximum charging power	8000 W		
Maximum discharging current	160 Ad.c.	200 Ad.c.	
Maximum discharging power	8000 W	10000 W	
<b>Grid parameter</b>			
Rated input/output voltage	3/N/PE, 230/400 Va.c.		
Rated input/output frequency	50 Hz		
Maximum input current	25 Aa.c.		
Maximum input active power	16000 W	17800 W	
Maximum input apparent power	16000 VA	17800 VA	
Maximum input active power from grid to battery	8600 W		
Rated output current	11.6 Aa.c.	14.5 Aa.c.	17.4 Aa.c.
Maximum continuous output current	12.8 Aa.c.	16.0 Aa.c.	19.2 Aa.c.
Rated output active power	8000 W	10000 W	12000 W
Maximum output apparent power	8800 VA	11000 VA	13200 VA
Maximum output active power from battery to grid (without PV input)	7500 W	9300 W	
Power factor	0.9 leading~0.9 lagging		
<b>Backup terminal parameter</b>			
Rated output voltage	3/N/PE, 230/400 Va.c.		
Rated output frequency	50 Hz		
Rated output current	10.7 Aa.c.	13.3 Aa.c.	
Maximum continuous output current	11.6 Aa.c.	14.5 Aa.c.	
Rated output active power	7360 W	9200 W	
Maximum output apparent power	8000 VA	10000 VA	