



N3H-A Series Three Phase Inverter Hybrid On/Off-Grid Inverter N3H-A8.0/N3H-A10.0/N3H-A12.0

Rated input/output voltage of 3-phase, earth at 230/400 volts alternating current



Achieved an impressive MPPT reaching up to 99.5%



Zero Export and VSG Application



Offers flexible configuration options, seamless transferring under 10ms



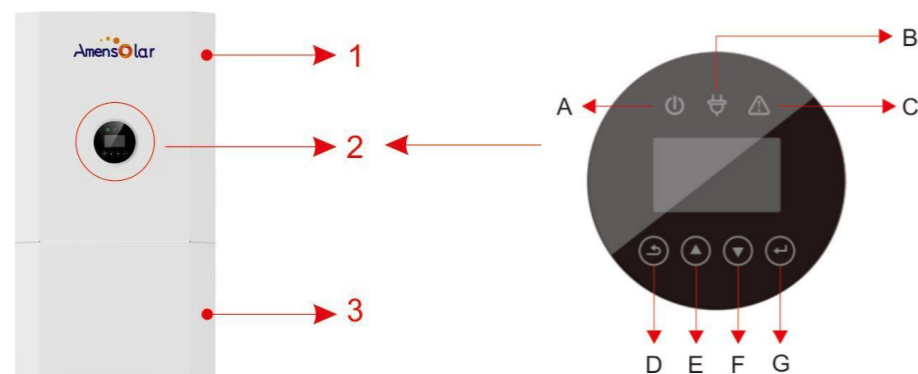
Enables remote intelligent monitoring by SOLARMAN APP



Built-in fuse protection



IP65 Rated



Object	Description	Object	Name	Description
1	Hybrid Inverter	A		Grid connection
		B	Indicator LED	Off-grid
		C		Red: The inverter is in fault.
2	EMS Display Screen	D		Return Button: Escape from current interface or function. Enter the setting interface.
		E	Button Function	Up button: Move cursor to upside or increase value.
3	Cable Box (connected to Inverter)	F		Down Button: Move cursor to downside or decrease value.
		G		ENT Button: Confirm the selection.

Model	N3H-A8.0	N3H-A10.0	N3H-A12.0
PV input parameter			
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 .		
Battery input/output parameter			
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	
Grid parameter			
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		
Backup terminal parameter			
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	