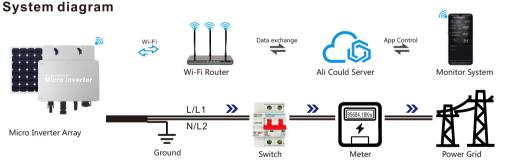


# Micro inverter Use Manual(Life)

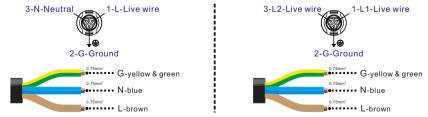
model	WVC-300		
Recommend use panels	1*375Watt		
Output voltage mode	120/230V Auto switch		
PV Open circuit voltage	33-60VDC		
Operating voltage range	22-60V		
Starting voltage range	22-60V		
short-circuit current	15A		
Maximum working current	13.7A		
Output parameters	@120V	@230V	
Output peak power	310Watt	310Watt	
Rated output power	300Watt	300Watt	
Output current	2.5A	1.3A	
AC voltage range	85-160VAC	180-280VAC	
AC frequency range	48-51Hz/58-61Hz	48-51Hz/58-61Hz	
Power factor	>95% >95%		
Number of branch connections.	15PCS (Single) 25PCS (Single)		
Output efficiency	@120V	@230V	
Static MPPT efficiency	99.5%	99.5%	
Max output efficiency	95% 95%		
Loss of power at night	<0.5W <0.5W		
Total current harmonics	< 5%	<5%	
Appearance and tech	nical features		
Temperature range	-20°C to +50°C		
Size ( L×W×H )	165mm×176mm×38mm		
Net amount	0.82kg		
Waterproof grade	Ip65 NEMA3R		
Heat dissipation mode	Self-cooling		
Communication mode	Wi-Fi		
Power transmission mode	Reverse transmission,Load priority		
monitoring system	APP		
Electromagnetic Detection	EN61000-6-1:2007 EN6100-6-3:2007+A1:2011+AC:2012		
Power Grid standard	EN50549-1、EN 50549-2、NBR 16149:2013、UL1741		
Power grid detection	IEC/EN 62109-1、IEC/EN 62109-2、IEC 62116、IEEE 1547		
Certificate	CE , Patented technology		
Packing weight			
Specifications	Each ( Packing ) Box ( 15PCS )		
weight	1.28KG	19.5 K G	
Size	245×202×60mm 450×395×345mm		

#### Detailed





With N wire connection (Single phase 120/230V)





**Note:** You can purchase a professionally customized AC bus with a T-type connector. Use this AC bus as the AC bus for each branch. Connect it hand in hand to form a modular micro-inverter branch wiring system.



When the inverter is not started/shutdown and has been connected to the grid, the status of the LED indicators is as follows

1) When the inverter is not working ----- Red light is always on 2) When the inverter is in working state ----- Blue light flashes (MPPT is locked to a long light state)



#### When the inverter is not started/shutdown and is not connected to the grid, the EED indicator status is as follows

1) When the inverter is not working ------ Red light flashes 2) When the inverter is in working state ----- Blue light flashes (MPPT is locked in a long light state), and the red light flashes once every three seconds

Micro inverter Use Manual(Life)



# DOWNLOAD Cloud Intelligence APP

Please use the QR code to scan and install the "Cloud Intelligence" client application, System version: Android 5.0, IOS 9 and above



# 📒 Note

Please strictly observe the following installation conditions

a) Connect the communication antenna on the inverter;

b) Install the inverter in a place where the Wifi signal is well covered;

c) The connected Wi-Fi network needs to be in 2.4G communication mode;

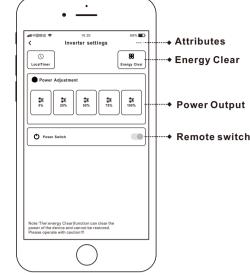
d) If the WiFi signal cannot effectively cover the inverter, an additional WiFi signal booster can be installed;

e) Turn on the Bluetooth of the mobile phone;

# Features

Smart APP can realize real-time data transmission with the cooperation of Alibaba Cloud IoTThrough graphs and graphic displays in time, users can understand the operation of the power station. The user can monitor the operation and adjust the output power function of the system.





## **Cloud Intelligence APP**

Contraction of the second s	Se Protope 19290	260.8" PC/1988	inverter settings
	E- AC,30Rage 243.1V # AC,Current 0.874	237,3"	Cacadianer Energy Cheve
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Google Play

INTELLIGENT lot MONITORING MODEM Number of data collectors per Modem Built-in WiFi loT data terminal

Can be used on any smart device (Android/iOS)

- CO-2 induced environmental analysis
- Daily and total energy generation in kWh
- Actual DC input voltage, current and power
- Actual AC output voltage, current and power
- Inverter temperature
- Historical (daily, weekly, monthly) power curve
- Power losses due to weather induced effects
- Optional limitation of power output
- Online switch for the inverter start stop

# Micro inverter Use Manual(Life)

## Micro inverter Use Manual(Life)

# 🖈)) Bluetooth Mode

#### Setp 1

Turn on the Bluetooth of the mobile phone, click the "+" icon to add the device;



#### Setp 2

When the inverter appears on the automatic discovery page, click the "+" sign



# 🗟 Wi-Fi Mode

App Store

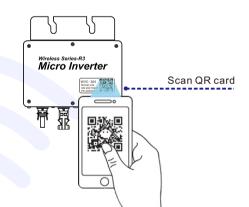
#### Setp 1

Bluetooth distribution network fails, you can click to scan the QR code to operate

# Click to add

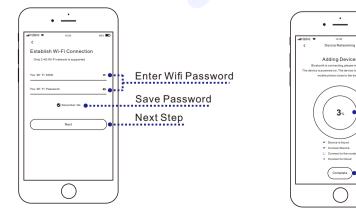
### Setp 2

Scan the QR code on the inverter to activate network operation



#### Setp 3

Select WiFi signal, enter the Wi-Fi password; click Next



#### Setp 4

The system will enter the network configuration state

Network progress

Progress project

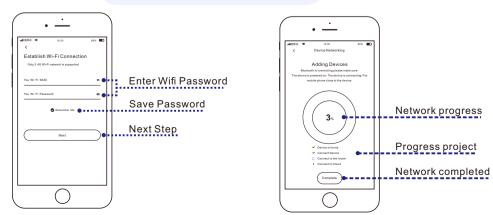
Network completed

#### Setp 3

Select WiFi signal, enter the Wi-Fi password; click Next

#### Setp 4

The system will enter the network configuration state



Micro inverter Use Manual(Life)