

# Zeus Appollo<sup>™</sup>–WIFIKIT User Manual

Zeus Appollo Solar

# Overview of WIFIKIT Function

Zeus Appollo<sup>TM</sup>-WIFIKIT has been developed by Zeus Appollo Solar as an external communication monitoring device, which integrates a Wi-Fi device for users and provides a wireless monitoring function.

By connecting with inverters through an RS485 interface, the Kit can receive information from inverters and realize cascade connection of inverters. It can not only provide a wireless function, but also can be used via a cable to transfer inverter data to the web server

Users can monitor the runtime status of the device by checking the 4 LEDs on the panel, that indicate Power, RS485, Link and Status respectively.

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# **1** Communication cable connection

# 1.1 Three Phase Inverter

For Zeus Appollo<sup>™</sup> 3-phase inverters Z10I-13KDT/17KDT/20KDT, which have an integrated RS485 interface, the cable connection for the inverter is as follows.

## 1.1.1 Cable connector preparation

In order to satisfy an IP65 level, the communication cable needs to be specifically prepared.

A. Find the LTW waterproof cable connector in the package of inverter. There are two sets inside of each package. Then prepare the appropriate length of the RS485 communication cable which has no plug.



Picture 1.1.1

B. Place the SEAL inside of the HOUSING as Picture 1.1.2.





C. Thread the communication cable through the Sealing Nut, SCREW, SEAL, HOUSING and don't tighten the Sealing Nut.



Picture 1.1.3

D. Put the cable terminal into the plug in the correct order as Picture 1.1.4



Line sequence of T568B

- 1. orange with white
- 2. orange
- 3. green with white
- 4. blue
- 5. blue with white
- 6. green
- 7. brown with white
- 8. brown

Picture 1.1.4



E. Clamp the plug with a cable clamp as in Picture 1.1.5



Picture 1.1.5

F. Insert the plug into the HOUSING with the GASKET as in Picture 1.1.6.



Picture 1.1.6

G. Tighten the Sealing Nut applying a torque of 3Nm, Picture 1.1.7 shows an assembled connector.





H. In order to connect the cable to other inverters, please prepare the other terminal by the same method.

# 1.1.2 Installation

After the connector is assembled, the next step is to connect the cable to the inverter. The following steps show the installation method.

First open the cap of the RS485, there is an RJ45 connector inside.



Picture 1.1.8

Then put the plug into the RJ45 connector, tighten the screw to the inverter applying a torque of 3Nm.



Picture 1.1.9

Complete the other connection by the same method.

# 1.2 Single Phase Inverters

For Zeus Appollo<sup>™</sup> inverters Z10I-1K/1K5/2K/2K5/3K, Z10I-3KD/4KD/5KD, which have an integrated RS485 interface, the cable connection for the inverter is as follows.

# 1.2.1 Disassembly



Picture 1.2.1

Unscrew the four screws on the interface panel with the screwdriver as shown in Picture 1.2.1 Leaving the screws in position.



Picture 1.2.2



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Unscrew the two-holed water-proofing connector from the interface panel as shown in Picture 1.2.2, 1.2.3.

# 1.2.2 Installation

Extract the net cable and the water-proofing connector from the package and follow the

Pictures below :

- A. Put the net cable in from the gap
- B. Put the net cable one after another into the neck of the interface panel



Picture 1.2.4

B

C. Finish the installation, as Picture 1.2.5 :





Turn on the switch on the communication board inside of the inverter to the upside as **Picture 4-5**.



Picture 1.2.5

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# 2.1 Unpack

After unpacking the box, please check that all components are present as shown in the list below. Contact the manufacturer immediately if you find any damage, missing components or if it is the wrong model..

Serial	Name	Quantity	Model
А	PV data collector	1	WIFIKIT
В	Power supply adapter	1	FY0502000
С	Screw	2	
D	expanded rubber tube	2	
E	Manual	1	



Picture 2.1.1

## 2.2 The installation of the data collector

## 2.2.1 Wall-mounted installation

- ① Mark two horizontal round holes at a distance of 69mm in the selected position
- ② Drill two φ6mm holes in the marked position, the depth of the hole should not be less than 30mm
- ③ Punch the expanded rubber tubes into the holes lightly with a rubber hammer
- ④ Twist two screws into the expanded rubber tubes, the screws head exposed wall about 6mm
- (5) Hang the PV data collector WIFIKIT on the screws, hold the metal part of the antenna and rotate the antenna to the preferred position



Picture 2.2.1

# 2.2.2 Horizontal data collector installation

Lay the data collector on a flat surface.

**Note1:** The protection level of the PV data collector WIFIKIT is IP21. It cannot be installed outdoors or where conditions of damp, dust or corrosive steam are present. Direct sunlight should also be avoided, as well as protection from shock and pressure. In addition, as metal components have an effect on the wireless signals, the antenna of the PV data collector (in all directions) should be positioned away from metal components by at least 10cm.

**Note2:** When securing or adjusting the antenna position, please note that only the metal part can be drilled, plastic part cannot be drilled, or the antenna will be damaged. In addition, the improper installation will affect the usage of data collector; more details please read the part 2.5 about the abnormal condition during debugging and solutions

# 2.3 Connection between data collector and inverter

В

С

А

#### 2.3.1 The instructions of data collector interface and connection line

#### interface





Picture 2.3.1

D

Е





Pin NO.	RS485	RS422
1	NC	NC
2	NC	NC
3	NC	RX+
4	А	TX+
5	В	TX-
6	NC	RX-
7	GND	GND
8	GND	GND

## 2.3.2 Steps of connection

Both ends of the connecting wire are terminated with RJ45 network cable connectors all the line sequences are T568B.

#### A. Single inverter connection

- 1) Disconnect the power supply of the inverter
- 2) Insert the network cable into any one RJ45 port on any one inverter
- Let the other network cable connect to the network interface of PV data collector WIFIKIT
- 4) Connect the power supply adapter to the data collector, then insert into the socket

#### **B. Multiple inverter connection**

- 1) Disconnect the power supply of the inverter
- 2) Insert the network cable into any one RJ45 port on any one inverter
- 3) Insert the other network cable into any one RJ45 port on a second inverter
- 4) Make the needed monitoring inverters in series in the same way
- 5) Connect the PV data collector WIFIKIT to a inverter with the bus, (constitute serial LAN)



6) Connect the power supply adapter to data collector, then insert into the socket



**Note:** Always ensure that the power supply is switched off before connection. Please make sure that all the connections are completed, and then power up the inverters and PV data collectors. Otherwise may cause personal injury or equipment damage may result.

# 2.4 Wi-Fi settings

#### 2.4.1 Wireless Network



- 1) Prepare a computer or other device, e.g. a tablet, a PC or a smart phone that is Wi-Fi enable.
- 2) Obtain the IP address automatically
- Open Wireless Network Connection Properties, double click Internet Protocol Version 4(TCP/IPv4)
- > Select an IP address automatically, and **click OK**

4 Wireless Network Connection 2 Properties	Internet Protocol Version 4 (TCP/IPv4) Properties
Networking Sharing	General Alternate Configuration
Connect using: Microsoft Virtual WiFi Miniport Adapter	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Configure This connection uses the following items:	<ul> <li>Obtain an IP address automatically</li> <li>Use the following IP address:</li> </ul>
BVMware Bridge Protocol      QoS Packet Scheduler	IP address:
File and Printer Sharing for Microsoft Networks     A Internet Protocol Version 6 (TCP/IPv6)	Subnet mask:
Internet Protocol Version 4 (TCP/IPv4)      Intk-Layer Topology Discovery Mapper I/O Driver      Intk-Layer Topology Discovery Responder	Obtain DNS server address automatically
	Ouse the following DNS server addresses:
Install Uninstall Properties	Preferred DNS server:
Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.	Validate settings upon exit Advanced
OK Cancel	OK Cancel

Picture 2.4.2

3) Open the wireless network connection and click **View Wireless Networks** 

Select the wireless network of the data logging module as the default, no password is required. The network name consists of **AP** and the **serial number** of the product. Then click **Connect.** 



		and the second se		44	
Currer	itly con	nected to	:	.1	Γ
n.	zeusa	ppollo.c	om.au		
-	Interne	et access			
	Conne	ctify-me			
	No Inte	ernet acce	255		+++
1	未识别	帅网络			
1 mp	No net	work acc	ess		
无线网	络连接			^	
ZUES	APPOL	LO	Connected	Ine.	ľ
AP 501	262423			1.1	Í
				-111	I
10 10	rormati	on sent	ver this netwo	отк	٢
Sec. 1993		succession for			
m	ight be	VISIDIE	piners.		
m	ight be nnect au	Itomatica	ly Conr	nect	
m Cor	ight be nnect au	utomatica	ly <u>C</u> onr	nect	
m Cor	ight be nnect au	utomatica	ly <u>C</u> onr	nect	
m Cor	ight be nnect au		ly <u>C</u> onr	nect	
m Cor	ight be		ly <u>Conr</u>	nect	
m	ight be nnect au		ly <u>C</u> onr	nect	

Picture 2.4.3



Picture 2.4.4 Connection successful

**Notice:** If **AP\_ (serial number of product)** is not available in the wireless network list, there may be problems in the connection or the settings of the data logging module. Please check if the Wi-Fi has installed ok, and the inverter has been powered on.

Before troubleshooting, please ask your inverter installer whether you are permitted to remove the cover of the inverter to trouble shoot the module. If this is not acceptable, please contact customer service.

#### 4) Setting the parameters of the Wi-Fi module

(a) Open your web browser, and enter 10.10.100.254 (the default IP address of WiFi-Kit, you may set the domain name access, please see the picture 2.4.5), then fill in the username: **admin** and password: **admin**, both of which are admin as default.

Recommended browsers: Internet Explorer 8+, Google Chrome 15+, Firefox 10+

#### Note:

Auther

2

User

Pas

- ① In order to make sure the setting goes smoothly, you need to check following points:
- Set your Wi-Fi router to DHCP mode
- For single phase inverters, connect the cable to an RS485 interface and ensure the RS485 card inserted securely
- ② The default username & password is : admin, admin. We suggest changing the username & password:

Step: choose "Account", input your username & password.

	-	and the second second	- Considering	2 P. 12				
	Ē	ile <u>E</u> dit	View	History	Bookmarks	Tools	Help	
	\$	Connect	ing			+		
		< ) []	.0.10.10	0.254				
ticatio	n Required							
	A usernam "GoAhead'	e and passv	vord are	being requ	iested by http://	10.10.100	.254. The site s	ays:
Name:	admin	admin						
sword:	•••••	admin						



Cancel

OK

(b) In the configuration interface of the Wi-Fi module, you can view general information of about the module.

Follow the setup wizard to start the quick setting.

Status Wizard Wireless	Dear user:	Help The setup wizard will assist you to complete the device setting within one minute.
Cable Advanced Account Update Restart Reset	Thank you for choosing our device. Next, you can follow the setup wizard to complete the network setting step by step; or you can select the left menu for detailed setting. ★Note: Before setting, please make sure that your wireless or cable network is working. Start	
	1 2 3 4 5 6	

Picture 2.4.6 Click **Wizard** to start

	Network connection:	Help
Status		The STA mode of wireless connection will be turned of
Wireless		system automatically whe you choose cable network connection.
Cable		Whether to keep the AP n
Advanced	Wireless connection	of wireless connection or i
Account	Cable connection Wireless Enabled -	the wireless function.
Update		
Restart		
Reset		
	Back Next	
	1 2 3 4 5 6	

Picture 2.4.7 Choose **Wireless Connection** 

	Please select your current wireless network:	Help
Status Wizard Wireless Cable Advanced Account Update		This step will help to connect the device to your desired WLAN. If you do not find your wireless router on the left list, please refresh several times or add it manually. Please check your wireless router for the right encryption method and encryption algorithm.
Restart Reset	Note: When RSSI of the selected WIFT network is lower than 15%, the may be unstable, please select other evailable network or sherton the between the device and router.	he connection distance
Restart Reset	Note: When RSSI of the selectod WiFi network is lower than 15%, it may be unstable, please select other available network or shorten the between the device and router     Re     Add wireless network manually:     Network name (SSID)	in connection) distance

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Click **Refresh** to search for available wireless networks, or input the network name manually.

SSID 360-ZSB3CA ZEUSAPPOLLO-D1 CMCC-AUTO ZEUSAPPOLLO CMCC ZUESAPPOLLO-D2 Connectify-me	00.0c.36.02.b3.ca ec.17.2f.c5.3f.ce c2.75.d5.80.60.7f 64.9e.f3.9d.a8.38 b0.75.d5.80.60.8e c0.65.7f.42	8551 39% 44% 0% 100%	1 1 1 1 5		Î	the device to your desired WLAN. If you do not find your wireless router on the left list, please refresh several times o add it manually.
ZEUSAPPOLLO-D1 CMCC-AUTO ZEUSAPPOLLO CMCC ZUESAPPOLLO-D2 Connectify-me	ec: 17:2f c5:3f ce c2:75:d5:80:60:7f 64:9e f3:9d:a8:38 b0:75:d5:80:60:8e	44% 0% 100%	1 1 5			WLAN. If you do not find your wireless router on the left list, please refresh several times o add it manually.
CMCC-AUTO ZEUSAPPOLLO CMCC ZUESAPPOLLO-D2 Connectify-me	c2:75:d5:80:60:7f 64:9e:f3:9d:a8:38 b0:75:d5:80:60:8e	0% 100%	1			please refresh several times o add it manually.
ZEUSAPPOLLO CMCC ZUESAPPOLLO-D2 Connectify-me	64 9e f3 9d a8 38 b0 75 d5 80 60 8e	100%	6			add it manually.
CMCC ZUESAPPOLLO-D2 Connectify-me	D0 /5 d5 80 50 8e	1000	6			add it manually.
ZUESAPPOLLO-D2 Connectify-me	00 de - C 1.7 (+ 10	5:d5:80:60:8e 29% 6			Please check your witeless	
Connectify-me	20.00.e6.b/.1e.18	15%	6			router for the right encryption
	5c ac 4c 42 84 44	100%	6			method and encryption
CMCC-AUTO	c2:75.d5:80:60:8e	34%	6			algorithm.
CMCC	b0:75:d5:80:5a:ed	5%	11			Evour uitelace couter doop or
HZBT	6c:e8:73:fe:f1:4e	0%	11			broadcast SSID please set
CMCC-AUTO	c2 75 d5 80 5a ed	0%	11			the desired wireless network i
			л			
i wireless networ	k manually:		$\sim$	L .		
Network name (S (Note: case sens	SID) sitive) ZEUSAP	POLLO				
	od WPA2PSK					
Encryption meth	the second	and the second se				
Encryption meth Encryption algori	thm TKIP	•				
	CMCC HZBT CMCC-AUTO te: When RSSI of the be unstable, please een the device and ro wireless networf Network name (S (Note: case sens	CMCC         b0.75:d5:80:5a:ed           HZBT         6c:e8:73:fe:f1:4e           CMCC-AUTO         c2:75:d5:80:5a:ed           te:         When RSSI of the selected WiFi network be unstable, please select other available rean the device and router           wireless network manually:         Network name (SSID) (Note: case sensitive)	CMCC         b0.75.d5.80.5a.ed         5%           HZBT         6c.e8.73.fe.ft.4e         0%           CMCC-AUTO         c2.75.d5.80.5a.ed         0%           te:         When RSSI of the selected WiFi network is lower be unstable, please select other available network or ean the device and router           wireless network manually: Network name (SSID) (Note: case sensitive)         1         2EUSAPPOLLO	CMCC     b0.75:d5:80:5a:ed     5%     11       HZBT     6c:e8:73:fe:f1:4e     0%     11       CMCC-AUTO     c2:75:d5:80:5a:ed     0%     11       te:     When RSSI of the selected WiFi network is lower than 15%; be unstable, please select other available network or shorten the earn the device and router     It       wireless network manually:     It       Network name (SSID)     It       It     ZBUSAPPOLLO	CMCC     b0:75:d5:80:5a:ed     5%     11       HZBT     6c:e6:73:fe:f1:4e     0%     11       CMCC-AUTO     c2:75:d5:80:5a:ed     0%     11   te: When RSSI of the selected WiFi network is lower than 15%, the connection be unstable, please select other available network or shorten the distance ean the device and router   Refresh       wireless network manually:         Vetwork name (SSID)         I         ZEUSAFFOLLO	CMCC       b0:75:d5:80:5a:ed       5%       11         HZBT       6c:e8:73:fe:f1:4e       0%       11         CMCC-AUTO       c2:75:d5:80:5a:ed       0%       11         te: When RSSI of the selected WiFi network is lower than 15%, the connection be unstable, please select other available network or shorten the distance earn the device and router       Refresh         wireless network manually:         Vetwork name (SSID)       1         ZEUSAPFOLLO       1

Picture 2.4.9

#### Select the wireless network you require, and then click Next

#### Notice:

① If the signal strength (RSSI) of the selected network is <10%, this may result in an unstable connection, please adjust the antenna of the router, or use a repeater to enhance the signal.</li>
 ② We recommend the following router setting:

- Security setting: WPA2-personal
- Encryption type: AES

Status Wizard	Please enter the wireless networ	k password:	Help Please make sure you hav entered the correct passw
Wireless Cable Advanced Account Update Restart	Password (8-64 bytes) (Note: case sensitive) Re-enter password	Show Password	
Reset	4 0 0	Back Next	

Picture 2.4.10 Enter the password for the selected network, and then click **Next** 

Status	Please fill in the following inform	nation:	Help
Wizard	Obtain an IP address automatically	Enable 🔻	Most systems support the function of DHCP to obtain If address automatically. Pleas select disable and add it
Cable	IP address	0. 0. 0. 0	manually if your router does not support such function.
Advanced	Subnet mask	0.0.0	
Account	Gateway address	0. 0. 0. 0	
Update Restart Reset	DNS server address		
		Back	
		4 5 6	



#### Picture 2.4.11 Select **Enable** to obtain an IP address automatically, then click **Next**

#### Notice:

- Turn off the firewall of the router
- ② Make sure the DHCP function of the router is enabled

Status Wizard	Setting complete!	Help After clicking OK, the system will restart immediately.
Wireless Cable Advanced Account Update Restart Reset	Click OK, the settings will take effect and the system will restart immediately. If you leave this interface without clicking OK, the settings will be ineffective.	
	Back OK	

#### Picture 2.4.12

If the setting is complete, the above page will display. Click **OK** to restart.



#### Picture 2.4.13

If the settings are complete and correct, the above page will display.

When your WiFi-Kit is setup correctly and has obtained an IP address from your router for



example: 192.168.16.89.

(You may see the IP address when the "Status" option is accessed, please see picture 2.4.14)

Inputting: <u>http://192.168.16.89/</u> will display the page:

		601262423	Help
Status		S W01 V2 0 4B	The device can be used as a wireless access point (AP
Nizard			mode) to facilitate users to
Nireless		AD 504252422	also be used as a wireless
Cable		AP_501202425	information terminal (STA mode) to connect the remote
Advanced		10.10.100.204	server via wireless router.
Account	MAC address	AU:UF:23:12:76:30	If AP mode is turned off, or AF
Indate	Wireless STA mode		mode is on while STA mode is off, the device can only be
Postart	Router SSID	ZEUSAPPOLLO	connected to remote server
Restant	Signal Quality	96%	through cable network.
Reset	IP address get IP	from router 192.168.16.89	
	MAC address	AC:CF:23:12:78:3D	
	Cable mode	Disable	
	IP address		
	MAC address		
	▲Remote server information		
	Remote server A	Pingable	

Picture 2.4.14

You may also add the domain name of the WiFi-Kit for easy access as shown in the picture below, after you input OK, then input http://wifi, you may also then access the related page.

Win	eless access point setting		Help
Status	Network mode	11b/g/n mined mode -	In this page, you can configure the parameters of the device
Vizard	Network name(SSID)		when it works under the
Vireless		AP_501262423	wireless access point mode.
Cable	Module MAC address	AC:CF:23:12:78:3C	Please do not change the default settings, or the
dvanced	Select channel	Auto-select 👻	parameters change will cause
Select mode	Transmission power	High 👻	device manufaction.
Remote server		Same	Note: After changing the settings, the device must be
Port rate		Save	restarted.
Wireless point Wir	reless access point security settin	g	
Account	Encryption mode	Disable 👻	
Jpdate			
Restart		Save	
Reset LA	N parameters setting		
	IP address (DHCP gateway setting)	10.10.100.254	
	Subnet mask	255. 255. 255. 0	
	DHCP Server	Enable 🗸	
	Domain name	wifi	
	(The domain name should be wit	hin 1-26 characters, and could be	

Picture 2.4.15

When the network settings are completed you may login <u>www.monitoring.zeusappollosolar.com.au</u> and browse the data.

## 2.4.2 Wired network

You can use the network cable to connect to the Ethernet port of the WIFIKIT and the port of the router. Then the inverter info received via Wi-Fi will be directly transferred to the remote server. See picture 2.4.16

**Note:** the default WIFIKIT is Wi-Fi network, if you are using the Ethernet port, please restore to the factory default setting.





Picture 2.4.16

# 2.5 Debug

## LED indicator lamp summaries



Picture 2.5.1

# Trouble shootings with LEDs

Name of LED	Status	Description of status
	Light	The power is normal
FOWER	Dark	The power is abnormal
	Light	The connection between collector and inverter is normal
485\422	Flashing	Data is transferring between collector and inverter
	Dark	The connection between collector and inverter is abnormal
STATUS Dark	LINK Flashing	Connecting Wi-Fi
	LINK Flashing	Data is transferring of Wi-Fi
STATUS Light	LINK Light	The connection of collector is normal
	LINK Dark	The connection of collector is abnormal
	LINK Flashing	Data is transferring of port
STATUS Flashing	LINK Light	WiFi is in the AP way, a terminal is connecting with the equipment
	LINK Dark	WiFi is in the AP way, no terminal is connecting with the equipment

	Ph	enomenon			
POWER	485/422	LINK	STATUS	Possible reasons	Dealing ways
Dark	Dark	Dark	Dark	Haven't connected to the power	Connect power and ensure that the power supply is good.
Light	Dark	х	х	The connection of inverter is abnormal	Check the connection cable is right and ensure that the order is according to 568-B Ensure the stability of

					RJ-45 connector line
					Confirm the status of
					inverter and ensure it's
					working condition is
					normal
Light	Х	Х	Flashing	In the AP Mode	Set network settings
					Confirm if the antenna is
					loose or fall off. If so,
					please screw it.
				Collector is not	Check if the Wi-Fi wanted
Light	Х	Flashing	Dark	connected with	is covered.
				WIFI	
					Restore the factory
					settings according to the
					installation manual and
					reset.
				Fail to connect the	Please confirm that Wi-Fi
Light	Light	Dark	Light	Fail to connect the	can be connected with the
				remote server	Internet.
				The evotors is	Please wait. If there is no
Light	Dark	Dark	Dark	initialized	change in 2min, please
				millalized	reset the collector.
Note1.	x mean	s the status	is instability		
Note 2	: when	screw or adj	iusting the ar	ntenna position, please	note only the metal part can
be scr	ewed, p	lastic part ca	annot be scr	ewed, or the antenna w	ill be damaged
Note3.	: If the e	quipment st	ill cannot wo	rk according to the abo	ve instructions, please

connect your device customer service.

# 2.6 Register on monitoring website

Our products are supported by PV monitoring system Web site browsers: IE8, Firefox, Chrome, Safari, log into the website http://www.monitoring.zeusappollosolar.com.au, click on register, enter the user registration page, follow the requirements for registration, after successful registration, enter the mailbox and activity account, then complete the registration.



# 2.6.1 Click the Register button to go to the registering interface for a new account

ZEUS APPOLLO SOLAR	
	Login
	Password:
	Click and enter the Public Station Demo Account
	Forget password?

Picture 2.6.1

# 2.6.2 Fill in the user information as required

	Email:		*	Please input the validate email used for login and get back your password
1814 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 -	Confirm Email:		*	Please reinput the validate email
	User Type: End u	iser  Ch	oose	"Owner"
	Password:		•	6 to 16 characters, case sensitive
	RePassword:		•	6 to 16 characters, case sensitive

Picture 2.6.2

Note: please read the Zeus Appollo<sup>TM</sup> service agreement carefully, the enclosure is the cost list for all countries, please choose your operators **Owner** means the final user "\*" you must fill it

"Owner" Account



PowerStation		* At most 20 characters
Upload Image	Default.jpg	Click and choose the aim
		24 24
	Upload Click "O	K save the pic
Country	Afghanistan	•
Province	Afghanistan	•
City		*
Street		(Location in the map) Click the map, choose the installation site
Zip code		
Timezone	(GMT +08:00) Beijing, Chongqi	•
NumberSystem	1234567.89	•
Temperature Unit	۰۴	•
Installed capacity (KW)		3

ZEUS APPOLLO TM	
Temperature Unit	°F •
Installed capacity (KW)	•
Inverter Type	Grid tied inverter
Local electricity price	•
Feed-in Tariff	AUD AU\$ V
Panel Type	3S •
InverterType	Zeus Appollo Solar
Description	
	Select, and choose it to be the share mode, other users can see
DeviceRegister	
DataAdapter SN:	Fill in Wi-Fi Kit's S/N code, see pic 2.6.4
Installer	
Contact	
Name	
Telephone	
Finish the 🛛 🛶	Finish Cancel
register	
	Picture 2.6.3

Picture 2.6.4

\_\_\_\_\_



# 2.7 Login the PV monitoring system to manage the power station

After the successful registration and account activation, open the login interface as below in picture 2.7.1, input the correct email and code and enter the PV monitoring system, then you can monitor and manage the power station.



Picture 2.7.1

"Owner" User Interface



Picture 2.7.2



Picture 2.7.3 List of power stations



Picture 2.7.4 Navigation Bar



Picture 2.7.5 Main interface of power station



	Internal temperature										
C	K Page 1 o	f 1 [	<u>&gt;1</u> C								+
	DC Input						AC Outp	ut		Total Factor (1946)	
SN	InvertersN	Channel	Voltage(Vdc)	Current (Adc)	Phase	Voltage(V)	Current (A)	Power(W)	Frequence(Hz)	Total Energy(kwn)	Tempe
		PV1	0.0	0	L1		0	0			
1	NLBN502013CB3929	PV2	0.0	0.0	L2	0.0	0.0	0	0	314.1	3
		PV3	0.0	0.0	L3	0.0	0.0	0			

# Picture 2.7.6



Picture 2.7.7 History Interface

TEST 💌			Summary	Realtime	History	Alarm	Report	Setting
							📤 Alarm Am	ount: 4 Iten
Select: View All	View All							
				[	Se	arch		
InverterSN	AlarmInformation	AlarmCode		AlarmTime		Status	ViewChart	Operatio
AUDN1520128N1031	Utility Loss	F09	4/29/2014 16:5	3:09 - 4/29/2014	16:58:35 GMT+8	Unhandled	jdte,	×0
AUDN1520128N1031	Utility Loss	F09	2/27/2014 15:1	4:40 - 2/27/2014	15:17:32 GMT+8	Handled	jdte,	*
AUDN1520128N1031	Utility Loss	F09	2/26/2014 14:3	5:09 - 2/26/2014	14:36:35 GMT+8	Handled	jdte,	*0
	INDE LOSS	F09	10/8/2013 11:5	1:10 - 10/9/2013	09:40:38 GMT+8	Handled	idte	公臣

Picture 2.7.8 Alert Interfaces



Picture 2.7.9 System Setting Interface

TEST	V		Summary Re	ealtime History	Alarm	Report	Setting
						🔺 Alarm	Amount: 4 1
Station	n Device A	larm					
	DataAdapter SN:	GatewayType	InverterSN	InverterType	Status	UpdateT	ime
1	604444195 🛛 🔀 🕅	Embedded WiFi			0		
2	606808142 🛛 🔀 🕅	Embedded WiFi	NLBN502012CB2020	Z10 Series	0	2014-08-09 1	4:35:19
	AddDev	ice	Add GetwayS (				
	DataAda	apter SN :					
			OK	Cancei			

Picture 2.7.10 System Setting Interface ZEUS / APPOLLO

# 2.8 IPhone & iPad application

After registration of the power station, you can input the key words: Zeus Appollo , solar,

inverter, PV, energy ,plant, and monitor at the app store, then you can download the Zeus Appollo (smart phone) and Zeus Appollo HD (iPad) from the app store.

After the app download input your user name and password, then visit your station, (we supply a free demo, for the users who do not register) choose the power station and enter the main interface, then the daily energy output etc. will be displayed. Meanwhile, you can view the relevant date to view the curve as below:

No SIM ᅙ	20:24	⊕ 55% <b>■</b> +	No SIM 🗢	20:18	€ 53% ■→ +
	Login	Manual Mode			
zeus 🦊	APPOLLO	SOLAR™	ZEUS	APPOLLO	SOLAR™
Username Password	Input you Input you	r username		Loading	
	Remem	ber me			
		Login	Welcon Use this impro	ne to Zeus Appollo application to mo ove your energy h	o Solar nitor and abits
	If you do not account, plea use the demo	Demo have a portal se feel free to account			





Picture 2.8.1

- 1. Log in to the interface
- 2. Connect the Wi-Fi kit ok
- 3. Setting page
- 4. Inverter information

# 2 Contact

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