The Procedure for Setting up Winet Modbus Connection

Disclaimer

The material in this document has been prepared by Sungrow Australia Group Pty. Ltd. ABN 76 168 258 679 and is intended as a guideline to assist solar installers for troubleshooting. It is not a statement or advice on any of the Electrical or Solar Industry standards or guidelines. Please observe all OH&S regulations when working on Sungrow equipment.

Step 1 Connect Ethernet cable with Winet

Step 2 Click the button on Winet for three times then choose SG signal on appearing in the mobile.



Step 3 Open a browser on the mobile device and put in IP as11.11.11.1 and then log in as flows. Account:admin; Password:pw8888.



SUNGROW

Step 4 Navigate to System and locate Port parameter under that tab.

WiNet-S				80	A 0	🐗 Setup Wizard		💄 admin
× Device •	Shortcut Menu							
🕚 History Data 🗸 🗸		ام 🖌						
O System	Device Setup Network	Management Transfer Cor	nfiguration System Main	tenance				
Run Information								
System Maintenance	Data Index						Exp	and \vee
Message Export	kWh Daily Yield	A	0.00 kW Real-time Active Powe	er	₽	O Piece Offline Device		
System Time	kWh		0.00 kW	-		1 Piece		
Transfer Configuration	lotal Yield		Max. Adjustable Active	e Power		Online Device		
Port Parameter	Inverter Realtime Value	S (Off-grid 1, On-grid 0)						
 About 	Device Name	Device Model	Status	Daily Yield(kWh)	Acti	ve Power(kW)	Reactive Power()	kvar)
m	SH10RT(COM1-001)	SH10RT	Initial Standby		0.00		0.00	

Step 5 Click RS485 and tab into the gear wheel shown as follows.



Step 6 Finish the settings as device required (e.g. appropriate baud rate, stop bit and parity bit).



SUNGROW

WiNet-S	Ξ		⊗ ∘ ∆ ∘	A Setup Wizard 🛛 🖨 English	admin
	Serial Port	Advanced Settings X		Stop Bit	0
System Maintenance Message Export		Serial Port COM1			
		9600 ~			
		Parity Bit			
Port Parameter		None			
		Odd			
		Even Save			
About					

Step 7 Double check the Ethernet IP address in Run Information under System tab. Sometimes maybe ETH MAC Address will be also required for verification when pairing the PLC or digital controller, which can also be found in Run Information. If a wireless technology is applied, WLAN IP or MAC need to be located instead.

WiNet-S		😒 0 🛕 0 🛷 Setup Wizard 🔀 English 💄 admin
🔇 History Data 🛛 👻	General Information Forwarding information	
System	Parameter Name	Current Value (Unit)
Dup Information	System Time	2022-06-23 12:07
Run Information	ETH IP Address	0.0.0
System Maintenanc.	ETH MAC Address	ac:0b:fb:0c:63:77
Message Export	WLAN Hotspot IP Address	11.11.11.1
System Time	WLAN Client IP Address	-
Transfer Configuration	WLAN Client MAC Address	ac:0b:fb:0c:63:74
transier soningarauser	WLAN Signal Strength	dBm
Port Parameter	FTP Upload Time	-
RS485	FTP Upload Results	_
Ethernet	ETH1 IPV6	_
	WIFI IPV6	- *

If the issue persists after following above procedures, please take photos testing on site and contact Sungrow Service Department on 1800 786 476 or email to service@sungrowpower.com.au, Monday- Friday 9am - 5pm (AEDT).