



Required Commissioning Applications



HiSolar – Local Commissioning of device.



Univers EMS – Monitoring platform for fleet management and end user.

Prior to first iStore installation please email: <u>pv.support@istore.net.au</u> to ensure your retailer/company has a fleet portal.

Technical Support: 08 9550 1585 (option 2)

9:00am EST – 5:00pm WST



- 1. Open Hisolar Application
- 2. Scan the inverter QR code > login as the installer and set the inverter password (recommend implementing a standard password for all inverters such as istore00)
- 3. Follow the prompts to set the basic parameter and continue to device management via quick settings:

3.2 Automatic Device Scan

3.317	•		3:3		
÷	Quick settings		\leftarrow	Quick setting:	S
	Davice magt	Completed		Device magt	Comp
Basic parameters	Communication networking		Basic paramet	tors Communic notwork	ation ing
rid code	AUSTRALIA-AS4777_	_B-LV230 >	Check whe	IS-HYB-5000TL-1I other the detected devices are con connected devices.	PH isistent with the
ync phone me	0		Inverter (Cascaded	inverters:0)	
ime	12–Jan–20	024 15:31:50	(000000		
ime zone		UTC +08:00	IS-HYB- SN:1023B73	-5000TL-1PH 382694	
			• Do	ngle	Dor
			Por	wer meter	
			Bat	ttery	
			Ор	timizer	(8 (
			If a battery indicator is	is not discovered in two minutes a on, check the wiring.	Online of
	Next				

3.1 Basic parameter settings

*TIP: To avoid waiting for optimizer scan, please turn inverter ON ten minutes prior to commissioning.

4. Communication networking settings to be amended as below:

Authority from the user to connect to management	Ticked for approval
system.	
Domain name:	modbusbroker.istore.net.au
Port number:	27250
TLS Encryption:	Enabled



4.1 initial page settings

3:18		" \$ ∎
\leftarrow o	uick settings	;
Device m	agt netv	unication vorking
Basic parameters	Battery control	Completed
	unterna	
management s	ystem.	
Ø	<u>⊗</u>	—— <u>⊗</u>
Inverter	Device WLAN hotspot	Management system
Management syst	tem parameters	
Domain name		>
Port		27250
TLS encryption		
Setting paramete the router	rs for the inverter t	o connect to
WLAN		\sim
Password		۲
If there is no available connect to the manage	network, tap Skip and ement system later.	Skip
Previous		Next

- 5. Use drop down arrow to select applicable WIFI network and password.
- 6. Once settings are completed, select finish and <u>disconnect</u> from inverter Wi-Fi access point.

3:20		
← Qu	ick setting	6
Device magt	Comr net	nunication working
Basic parameters	Battery control	Completed
Manage plant thro management syst	ough the em	
 I have been author management syst 	prized by the user t tem.	o connect to the
O		
Inverter	Device WLAN hotspot	Management system
Management system	n parameters modbusbr	oker.istore >
Port		27250
TLS encryption		
Setting parameters the router	for the inverter	to connect to
WLAN		iPhone (5) $ \smallsetminus $
Previous		Next
		•

4.2 Page settings once ammdended.





If the system you're installing requires additional DER controls such as SAPN or VIC EBS please follow the below steps to enable MODBUS communication via HiSolar.

(iStore WLAN dongle required for these sites.)

- 1. Select SET
- 2. Select Dongle parameter settings
- 3. Select Modbus TCP
- 4. Select enabled (unrestricted)

9:49 🕇		al S	r 67	9:49	.ıl † 6 7	9:49	'II 🕹 🔃
\leftarrow	IS-HYB-5000 Grid scheduling : Q	TL-1PH -U curve		← Communicatio	n configuration	← Dongle param	eter settings
Commun Fair W	nication status VLAN signal	Management syst Connection succee	tem eded	Inverter WLAN settings	>	Start address for automatic address allocation	1 >
Active po 0.022 kW	wer Y	/ield today).26 κwh		Router connection settings	>	Modbus TCP	>
Yield this	month T	otal yield		RS485_1	>		
17.51 kWł	'n ξ	32.72 kWh		Management system settings	>		
Ala	arm		>	Dongle parameter settings	>		
🖗 Qu	uick settings		>	Parallel system	>		
S Mo	onitor		>	parameter settings	·		
(Р) Ma	aintenance		>				
Se Se	et		>				
6 Po	ower adjustment		>				
His	storical information		>				

\leftarrow	Modbus TCP
Connection	Enable (unrestricted) >
	Connection
	Disable
	Enable (restricted)
	Enable (unrestricted)
	Cancel



- 1. Open Univers EMS application.
- 2. Once logged in to portal select plant guide > scan QR code of device.
- 3. This will prompt you to the plant creation section.







3:47		11 5G 32		
<	New	Plant	+	
✓ Add device	2 Basic info.	3 Set price	d Layout	
Basic info	rmation			
Country/Re	gion *		>	
Plant type *			>	
Service prov	vider *		>	
Plant name				
Total string	capacity (kWp	o) *		
Grid connec	tion date *		>	
Address *				
I have ob	otained the ow	vner's authoriza	ation	
Cancel	Previo	bus	Next	

4. Complete basic information and select next.

Please note: Country/Region refers to council region.

1



5. Set applicable tariffs (if known) 6. Select save. 10:49 🛓 1 5G 85 10:49 🛓 .1 5G 85 < < New Plant +New Plant + 4 0 0 0 0 0 Add device Basic info. Set price Layout Basic info. Set price Add device Layout B Edit physical layout > Feed-in tariff Purchase price 00 Date period 01-01 - 12-31 Time 00:00 24:00 00 AUD/kWh Price Previous Previous Cancel Cancel

At this point, the plant will be set up and commissioned.

*Please follow the steps on the next page to add end user permissions.



1. Select Management tab > Users tab > select + sign.

2. Select "user" under role tab > select customer plant under related plant > username > email > authority tick. (Service provider will be pre-set to applicable fleet).



Once complete, end user will receive an email from iStore prompting them to set their password.