Installation manual CheckWatt CM10 and SAJ CH2 Inverter Updated 2024-11-13

Installation of CheckWatt CM10 and the SAJ inverter is performed according to their manuals. This manual describes how communication between the CheckWatt CM10 and the SAJ inverter is established.

Communication between CM10 and inverter is carried over modbus TCP/IP via ethernet cable CAT6 FTP. Ensure that you have the correct dongle for the inverter.

Compatible inverters:

SAJ CH2 – series-29.9k-63k (with Wifi+LAN+Cloud AIO3-dongle)





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1. Internet settings

1 a) Open the app eSAJ Home and select local connection via the three dots ••••	下午1:44
1 b) Select Bluetooth to connect AIO3 dongle to inverter.	Connection Method Please select a connection method Buetooth WFI Cond Choud Please select a connection method WFI Choud Please select a connection method Please select a connection at method Please select a connection method Please select a connection at method Please select a connection at method Please select a connection method Please select a connection at method Please select a connection at method Please select a connection method Please select a connection at method

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1 c) Select WiFi to connect the inverter to internet.	Notice Please select a network configuration method WiFi Configuration Ethernet Mode Skip Notice Skip Configuration Network Name Please select Network Name Please select Network Name Please select Network Name Please select Network Name Please select Network Name Please select Network Name Please select Network Name Please select Network Name Please select Please select Network Name Please select Network Name Please select Please select Please select Please select Please select Please
1 d) Click Communication module.	Communication module Internet Status Image: Internet Status Image: Image

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1. Internet settings



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2. Physical connection between CM10 and SAJ



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3. Verify internet connection

Verify internet connection and IP-address from CheckWatt CM10

Same steps as in 1d.

Verify that IP-adress är is in line with **installation manual for CM10.**

Module SN M5380J2239029073	
Model	eSolar AIO3
Product Code	1030002500055800
Firmware Version	v1.027
Hardware Version	v1.001
Working Modes	auto
WIFI	
Connect	up
MAC Address	B8:D6:1A:2A:1E:28
IP	172.20.10.7
Mask	255.255.255.240
Gateway	172.20.10.1
Router SSID	ZL-iphone
Router BSSID	0A:68:9A:62:18:8C
Router Signal	-41dBm
Ethernet	
Connect	up
MAC Address	B8:D6:1A:2A:1E:2B
IP	0.0.0.0
Mask	0.0.0.0

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Open ESAJ Home and connect to the	Local Connection 🔱
inverter via bluetooth or cloud.	Bluetooth Connection:BlueLink
	Device Maintenance
	Battery Settings
	S Protection Parameters
	Feature Parameters
	Power Adjustment
	Vorking Modes
	Export/Generation Limitation Settings >
Calact CAl in Datton (cattings	
Select SAJ IN Dattery settings.	< Battery Brand
Click Save after the change.	Battery Brand
	SAJ
	No Battery
	SAJ
	DYNESS-H
	PYLON SC0500
	Lead Acid

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Click Initialization and select grid for the country.	Local Connection () CD Bluetooth Connection:BlueLink
	Device Info
	🔀 Device Maintenance >
	A Initialization
	Battery Settings >
	S Protection Parameters
	Feature Parameters
	Power Adjustment
	Vorking Modes
	Export/Generation Limitation Settings
Disable Export limitation (in this enabled, power from the inverter cannot be fed into the grid). Click Save after the change.	10:43 ●】林本で目前 く Export/Generation Limitation Se On-Grid Three-Phase Unbalanced Output Export/Generation Limitation Settings のff ・
	Enable
	Off 🗸

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