Installation manual

CheckWatt CM10 and multiple SAJ CH2 Inverters with EMS (eManager C1 Pro) Updated 2025-03-18

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 SAJ eManager C1 Pro is carried over modbus TCP/IP via ethernet cable CAT6 FTP. SAJ eManager C1 Pro has a direct connection with the CHS2 inverters.

Compatible inverters:

SAJ CHS2 (with Wifi+LAN+Cloud AIO3-dongle+eManager-C1 Pro)

Max inverters per CM10:10



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1. Internet settings in Elekeeper



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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	17:27 • ::!! 4G 10
Same steps as in lc.	Basic information Image: Comparison
Verify that IP-address is in line with installation manual for CM10. DHCP 192.168.5.101 - 192.168.5.240 Static IP 192.168.5.2 - 192.168.5.99 Gateway 192.168.5.1 Subnet Mask 255.255.255.0	Model eManager-C1
	PC Hardware Version V1.1
	Firmware Version 1.074
	Networking method Ethernet
	MAC address
	IP 192.168.10.22
	Subnet Mask 255.255.255.0
	Gateway Address 192.168.10.1
	DNS 8.8.8.8

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4. Elekeeper settings



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