

MATTER-SET

IMPLEMENTED, ON ORDER

Matter over Thread set

The wireless smart set: our charge controller with a Thread module, a P1 meter reader on the smart meter, a Matter controller that runs the load balancing, an optional SG-Ready module for a heat pump, and Thread repeaters when a device is too far from the controller. All Matter 1.4 over Thread. Not yet Matter certified (CSA); certification on the customer's request.

IN SHORT

The smart set without the RS485 bus to the metering cabinet. The charge controller gets a Thread module and becomes a Matter Energy EVSE device; a small reader on the smart meter's P1 port becomes a Matter power meter; a controller box runs the load balancing and talks to both. A heat pump joins with the SG-Ready module. When the charger or the meter reader is too far from the controller, Thread repeaters extend the network to reach it.

PRICE

on request; per module and as a set

Everything is standard Matter 1.4 over Thread, so the devices show up in a Matter controller like any other device, with real device types and clusters, not a vendor bridge.

KEY FACTS

SPECIFICATION	VALUE
Matter adaptor for the charger	Available now. Attaches to the EVSE-C-3x32A over Modbus or UART, and also fits third-party chargers ("matterize" your charger); Matter Energy EVSE device type (0x050C) with Energy EVSE (0x0099), Energy EVSE Mode (0x009D) and Electrical Power Measurement (0x0090) per phase; Device Energy Management (0x0098) present as a stub
Charger with integrated Matter	PLANNED
P1 Thread meter reader	On the P1 port of a DSMR 5 meter; Electrical Power Measurement per phase, export negative, 1 s
Matter controller (hub)	Thread border router and Matter controller; Ethernet to the home network and the internet; runs the per-second load balancing; three hardware sizes depending on the site
SG-Ready module (optional)	Two relays on a heat pump's SG-Ready contacts as two Matter On/Off Plug-in Units (0x010A)
Thread repeater (optional)	For when the charger or the meter reader is too far from the controller: extends the Thread network to reach it; as many as the site needs
Certification	Not yet Matter certified (CSA). Certification is done on the customer's request and cost.
Load balancing	On the hub, through UserMaximumChargeCurrent; the same rules as the wired variant (6 A minimum, fail-safe fallback)
Control	Basic control on the Matter controller in the home; advanced control and remote control on the EdgeTech server, app and website
Third-party controllers	To be confirmed: Home Assistant Matter server works in our lab; consumer ecosystems do not commission the Energy EVSE device type yet