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.

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.

PRICE on request; per module and as a set

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