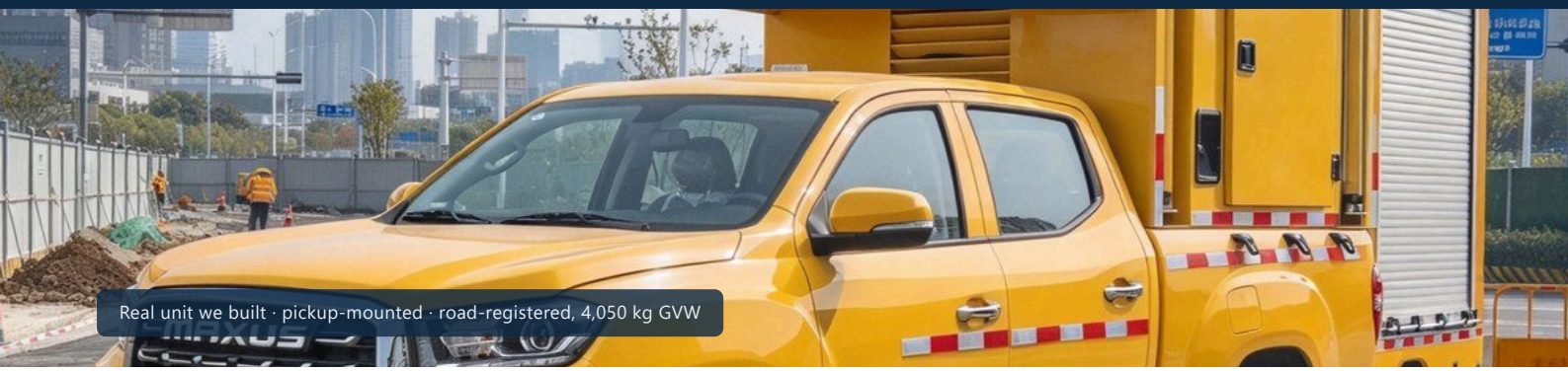


Real unit we built · pickup-mounted · road-registered, 4,050 kg GVW

DISASTER RESPONSE · FIELD CAMPS · BORDER POSTS

Emergency response power: minutes to first load

In response work the metric is not kilowatts. It is how long between arrival and load — and whether the unit starts at −25 °C with dust in the intake.

> **Task sets the rating, not the fleet size:** 30–80 kW for command and comms, 50–100 kW for a field medical point, 100–200 kW for a camp, 200–400 kW for equipment support. A pre-heated trailer unit is on load in about 10 minutes with two people.

RATING AND FORMAT BY TASK

Task	Rating	Format	Endurance
Command post / comms relay	30–80 kW	Pickup or trailer	24 h+
Field medical point	50–100 kW	Trailer, acoustic canopy	12–24 h
Border post / checkpoint	20–50 kW	Trailer or cart	8–12 h
Displacement camp	100–200 kW	Truck-mounted	12–24 h
Heavy equipment support	200–400 kW	Medium truck / container	8–12 h

WHAT DECIDES THE PROJECT

- **Connectors decide the clock.** Aviation plugs on pre-made cable take 5–10 minutes; bolted lugs take 30–60 and need tools and torque.
- **Environment.** −25 °C cold start with jacket and oil heaters, IP5X with cyclone pre-cleaner, C4 corrosion for coastal duty, baffled tank for off-road transport.
- **Redundancy.** Two 200 kW units survive better than one 400 kW: lose one and half the critical load still runs. Paralleling needs check-sync, not a cable joint.
- **Export.** Sets ship under HS 8502; trailers avoid vehicle approval in most markets. Defence or police end use is handled with end-user documentation and export-control clearance.

10 min
to first load, pre-heated trailer, two people

−25 °C
cold start with heater package

HS 8502
export classification for generating sets

Set and controls

Engine and alternator for mobile duty, deep-sea controller, full-load test before shipment.

On-board electrical

Switchgear, cable reel, quick connectors, earthing kit, outriggers.

Documents

English manual, wiring diagram, load-test report, spare parts list.

TALK TO AN ENGINEER, NOT A CALL CENTRE

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Liuzhou, Guangxi, China · FOB Qinzhou / Fangchenggang / Shenzhen
50 / 60 Hz · CE configurations on request · English manuals and load-test report

Full page & specs

For discussion only. Defence, border and government emergency projects are subject to end-user documentation and export-control review before quotation. Prices on request, FOB China, valid 30 days.