AETHEREDGE · KEPCO PORTFOLIO

AMIGO Three-phase 120 A

Three-phase direct-connected AMI metering

A three-phase, four-wire direct-connected AMIGO configuration for distribution metering. It provides phase-aware measurements, energy and demand records, and interfaces for utility communications and external control signals.



Product illustration based on the supplied photograph. Appearance is for identification; microprinted artwork is not a parameter or approval source.

REFERENCE CONFIGURATION

3P4W · 120(10) A

220 V (L–N) · 60 Hz

Energy, demand and tariffs

Import/export energy, maximum demand, scheduled reading and an 8-tariff calendar structure.

M26 pp.37,40–55

Profiles and events

Energy profiles, event history and real-time phase-power profiles. Three-phase CT/PT has additional per-phase energy profiles.

M26 pp.47–50,79–84

Utility communications

RS-485 and SUN profiles; provision for a removable communications device. CAN is scoped to the three-phase transformer category.

M26 pp.30–36

Controlled software lifecycle

Local/remote software update requirements, version identity and current-image hash traceability.

M26 p.55 §3.7

DATASHEET · REFERENCE PARAMETERS

Electrical and functional profile

Source specification: GS-6625-0104 · 2026.06

Ratings below are transcribed from the identified specification category. Current notation is retained as printed: maximum (base) current for direct-connected meters; rated (half-rated) current for transformer-operated meters.

Phase / wires	3P4W
Reference voltage	220 V (L–N)
Current rating	120(10) A
Reference frequency	60 Hz
Active / reactive class	1.0 / 1.0
Active-energy pulse constant	1,000 pulse/kWh
Load switch	No built-in relay in the reference rating table
KEPCO reference item	127827

M26 p.5 Table 8

Operating environment

−40 to +75 °C; altitude ≤1,500 m; 10–90% relative humidity. Use a suitable separate enclosure for outdoor exposure.

M26 p.4 Table 7

Communication options

RS-485: 9,600–115,200 bit/s, initial 9,600 bit/s. SUN reference: 50,000 bit/s. CAN: 500,000 bit/s, three-phase transformer category only.

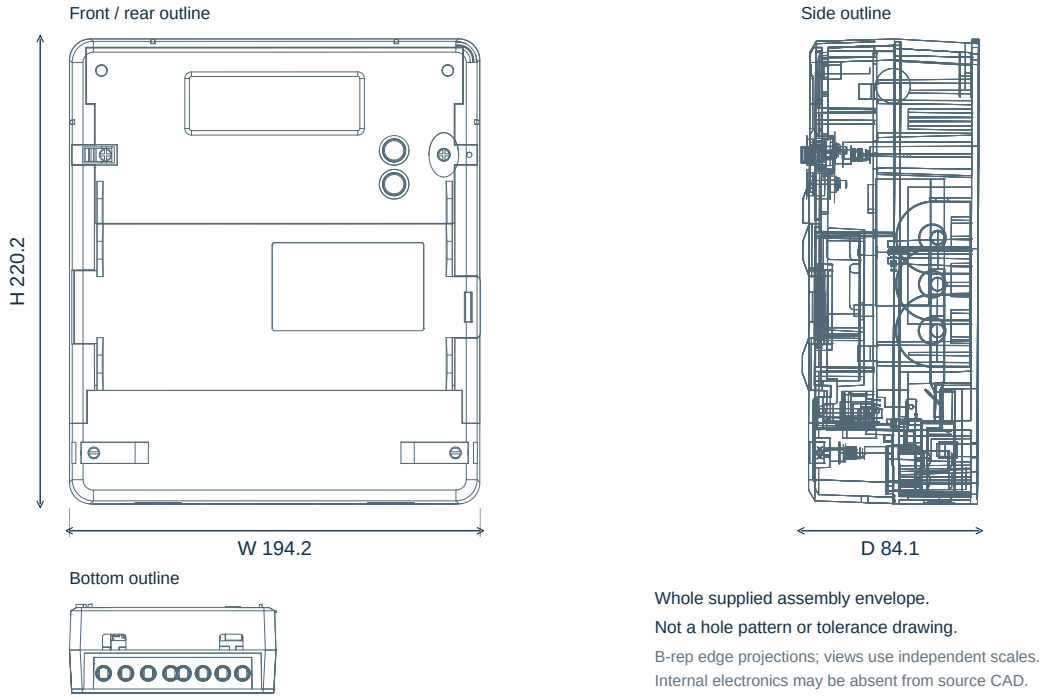
M26 p.30 Table 25

> This edition organizes the supplied product images and CAD with the cited KEPCO specification requirements. It does not assert type approval, certification, completed firmware conformance, test results or a commercial warranty. The delivered nameplate, order configuration and utility instructions govern field use.

MECHANICAL REFERENCE

Envelope and installation planning

AMIGO-3P120 · transferred STEP geometry · mm



Whole supplied assembly envelope.
Not a hole pattern or tolerance drawing.
B-rep edge projections; views use independent scales.
Internal electronics may be absent from source CAD.

Width × height × depth	194.2 × 220.2 × 84.1 mm
Geometry source	KEPCO-AMIGO-3P-120A.step

> Dimensions in mm are the envelope of the supplied STEP assembly after all assembly placements. They are not manufacturing tolerances, mounting-hole coordinates or installation clearances. Confirm the released installation drawing for the ordered variant.

CAD 0106ff3f90443e53… · Dimensions rounded to 0.1 mm; underlying full precision retained.

Before fixing the installation layout

Allow access to the display, seals, terminal covers and communications compartment. Check the ordered cover state and cable approach against the released installation drawing. The envelope drawing supplies no drilling template.

No product-specific terminal tightening torque, conductor-size table or mounting-hole schedule was supplied for release in this edition. Obtain the ordered variant’s installation drawing and torque schedule; do not substitute a generic value.