



VELORA

Generator Capability Overview

10 – 2500 kVA diesel power systems — directly supplied with full documentation.

RANGE

10 – 2500 kVA

VOLTAGE

230 / 400 V · 50 Hz

STANDARD

ISO 8528 · IEC 60034

Engineering-Driven Supply.

Velora Engineering & Trading PLC · Addis Ababa, Ethiopia · www.veloraet.com

1. Overview

Velora supplies diesel generator sets from 10 kVA to 2500 kVA for commercial, industrial, healthcare and infrastructure applications, sourced from Tier-1 OEMs and supplied with full technical and compliance documentation for direct purchase.

2. Power Range

Small (10 – 50 kVA)	Backup for small offices, retail and rural sites.
Mid (60 – 250 kVA)	Commercial buildings, clinics, telecoms and small industry.
Large (300 – 800 kVA)	Hospitals, hotels, factories and data-grade backup.
Heavy (1000 – 2500 kVA)	Industrial plants, large infrastructure and prime power sites.

3. Configuration Approach

- Open-skid sets for installations within dedicated, ventilated generator rooms.
- Sound-attenuated canopies for outdoor or noise-sensitive locations (≤ 75 dB(A) typical).
- Containerised 20 ft / 40 ft units for mobile, prime or remote-site applications.
- Auto-Mains-Failure (AMF) and Automatic Transfer Switch (ATS) panels.
- Synchronisation and parallel-operation panels for multi-set installations.
- Bulk fuel storage, day-tanks and fuel-saving sequencing where required.

4. Engine & Alternator Sourcing

Engines	Cummins · Perkins · Volvo Penta · Doosan · Baudouin (project dependent)
Alternators	Stamford · Leroy-Somer · Mecc Alte (or equivalent)
Controllers	DSE (Deep Sea Electronics) · ComAp · Smartgen
Origin Tiers	Türkiye · China Tier-1 · European Union

5. Applications

H Healthcare Hospitals and clinics requiring uninterrupted critical power.	C Commercial & Hospitality Office buildings, hotels, malls and mixed-use developments.
I Industrial & Manufacturing Production facilities, cold storage and processing plants.	T Telecom & Data Tower sites, data rooms and edge facilities.

U Utilities & Infrastructure

Pumping stations, water treatment and prime-power sites.

R Remote / Off-grid

Mining, agriculture and project camps.

6. Compliance & Standards

- ISO 8528 — Reciprocating IC engine driven AC generating sets.
- IEC 60034 — Rotating electrical machines (alternator).
- ISO 3046 — Reciprocating internal combustion engines.
- EU Stage emissions / EPA Tier emissions (territory dependent).

7. Strengths

D Direct OEM Sourcing

No undeclared intermediaries — clear brand and origin traceability.

S Spec Discipline

Sized to load, duty and site — not to catalogue convenience.

L Local Delivery

Logistics, customs and on-site delivery within Ethiopia.

A After-Sales

Commissioning, spares coordination and warranty terms confirmed at order.

From 10 kVA to 2500 kVA — power equipment, directly supplied with engineering rigour.