CATERPILLAR CAT 3512 - 1500 kVA

UAE inventory | Unit information sheet and manufacturer reference



Field	Unit information
Brand	Caterpillar (CAT)
Model shown	3512
Advertised output	1500 kVA
Year	2014
Operating hours	4,500 h
Country of manufacture	United States
Inventory location	United Arab Emirates
Configuration shown	Open-type diesel generator set

Identification note

The sales image identifies this unit as CAT 3512 at 1500 kVA. Current Caterpillar technical literature associates a 1500 kVA, 50 Hz rating with model 3512B. The exact suffix, voltage, frequency, duty rating, alternator model and serial numbers must therefore be confirmed from the engine and generator nameplates before quotation or commissioning.

Manufacturer reference - CAT 3512B 1500 kVA

The following values are reference data from Caterpillar literature for a 3512B configuration rated 1500 kVA. They are not represented as verified nameplate data for this individual used unit.

Reference item	Manufacturer-published value
Rated apparent power	1500 kVA
Rated active power	1200 ekW at 0.8 power factor
Frequency / speed	50 Hz / 1500 rpm
Nominal voltage in cited sheet	400 V
Engine family	3512B TA, V-12, 4-stroke, water-cooled diesel
Displacement	51.8 L
Aspiration	Turbocharged and aftercooled (TA)
Reference rating type	Standby (configuration dependent)

Verification checklist before sale

1. Photograph the engine nameplate and confirm whether the model suffix is 3512 or 3512B.
2. Photograph the alternator nameplate and record brand, model, voltage, frequency, phase, insulation class and serial number.
3. Confirm whether 1500 kVA is standby, prime or another duty rating for this exact configuration.
4. Inspect control panel, radiator, batteries, wiring, fuel system and protection devices.
5. Run no-load and load-bank tests and record voltage, frequency, current balance, oil pressure, coolant temperature and smoke condition.
6. Confirm service history and the basis of the 4,500 operating-hour reading.

Official Caterpillar reference

CAT 3512B technical specification sheet (1500 kVA, 50 Hz, 400 V):
https://emc.cat.com/n/api/pubdirect?media_string_id=SS-8003615-1000006023-001.pdf

Sales contact

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