

ALGERIA (SNTF)

MAIN LINE DIESEL LOCOMOTIVES (Six Powered Axles = 060)

CLASS 060-DD

Built: 1971 by General Motors. (GT-26W).

Co - Co

Transmission: Electric.

Engine: GM 16-645E3 of 2400kW (3218hp).

Weight: 120 Tonnes.

Length:

Maximum Speed: 120 km/h.

Gauge: Standard

Notes: Works numbers 37397-37416 (060-DD-01 to 20) and 37694-37702 (060-DD-21 to 29).
Most now out of service.

060-DD-01	060-DD-07	060-DD-13	060-DD-19	060-DD-25
060-DD-02	060-DD-08	060-DD-14	060-DD-20	060-DD-26
060-DD-03	060-DD-09	060-DD-15	060-DD-21	060-DD-27
060-DD-04	060-DD-10	060-DD-16	060-DD-22	060-DD-28
060-DD-05	060-DD-11	060-DD-17	060-DD-23	060-DD-29
060-DD-06	060-DD-12	060-DD-18	060-DD-24	

CLASS 060-YDD

Built: 1989 by General Motors. (GT18LC2M).

Co - Co

Transmission: Electric.

Engine: GM 8-645 of 800kW (1072hp)

Weight: 78 Tonnes.

Length:

Maximum Speed: 100 km/h.

Gauge: 1055mm (as built)

Notes: Works numbers A4899-A4903. These locos were originally constructed for the 1055mm gauge lines. These lines are now undergoing conversion to standard gauge. Present disposition and future use of these locos unknown.

060-YDD-01	060-YDD-02	060-YDD-03	060-YDD-04	060-YDD-05
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CLASS 060-DF

Built: 1973 by General Motors. (GT-26W).

Co - Co

Transmission: Electric.

Engine: GM 16-645E3 of 2400kW (3218hp).

Weight: 120 Tonnes.

Length:

Maximum Speed: 120 km/h.

Gauge: Standard

Notes: Works numbers 712578-712602. Most now out of service.

060-DF-01	060-DF-06	060-DF-11	060-DF-16	060-DF-21
060-DF-02	060-DF-07	060-DF-12	060-DF-17	060-DF-22
060-DF-03	060-DF-08	060-DF-13	060-DF-18	060-DF-23
060-DF-04	060-DF-09	060-DF-14	060-DF-19	060-DF-24
060-DF-05	060-DF-10	060-DF-15	060-DF-20	060-DF-25

CLASS 060-DG

Built: 1976 by General Motors. (GT-26CW).
Transmission: Electric.
Engine: GM 16-645E3B of 2400kW (3218hp).
Weight: 120 Tonnes.
Maximum Speed: 120 km/h.

Co - Co

Length:
Gauge: Standard

Notes: Works numbers A3388-A3402

060-DG-01	060-DG-04	060-DG-07	060-DG-10	060-DG-13
060-DG-02	060-DG-05	060-DG-08	060-DG-11	060-DG-14
060-DG-03	060-DG-06	060-DG-09	060-DG-12	060-DG-15

CLASS 060-DH

Built: 1976 by General Motors. (GT-26CWP).
Transmission: Electric.
Engine: GM 16-645E3 of 2200kW (2950hp)
Weight: 120 Tonnes.
Maximum Speed: 120 km/h.

Co - Co

Length:
Gauge: Standard

Notes: Works numbers A3403-A3427.

060-DH-01	060-DH-06	060-DH-11	060-DH-16	060-DH-21
060-DH-02	060-DH-07	060-DH-12	060-DH-17	060-DH-22
060-DH-03	060-DH-08	060-DH-13	060-DH-18	060-DH-23
060-DH-04	060-DH-09	060-DH-14	060-DH-19	060-DH-24
060-DH-05	060-DH-10	060-DH-15	060-DH-20	060-DH-25

CLASS 060-DJ

Built: 1977 by General Electric. (U18C).
Transmission: Electric.
Engine: GE 7-FDL-8 of 1400kW (1877hp)
Weight: 96 Tonnes.
Maximum Speed: 100 km/h.

Co - Co

Length:
Gauge: Standard

Notes: Works numbers 41741-41765. Most now out of service.

060-DJ-01	060-DJ-06	060-DJ-11	060-DJ-16	060-DJ-21
060-DJ-02	060-DJ-07	060-DJ-12	060-DJ-17	060-DJ-22
060-DJ-03	060-DJ-08	060-DJ-13	060-DJ-18	060-DJ-23
060-DJ-04	060-DJ-09	060-DJ-14	060-DJ-19	060-DJ-24
060-DJ-05	060-DJ-10	060-DJ-15	060-DJ-20	060-DJ-25

CLASS 060-WDK

Built: 1977 by General Motors. (GL-18M).

Co - Co

Transmission: Electric.

Engine: GM 8-645 of 800kW (1072hp)

Weight: 78 Tonnes.

Length:

Maximum Speed: 100 km/h.

Gauge: 1055mm (as built)

Notes: Works numbers 758029-1 to -5. Locos were originally constructed for the 1055mm gauge lines. These lines are now undergoing conversion to standard gauge. Locos 060-WDK-01 and 04 noted as regauged to standard gauge, July 2009.

060-WDK-01

060-WDK-02

060-WDK-03

060-WDK-04

060-WDK-05

CLASS 060-DL

Built: 1982 by General Motors. (GT-22CW).

Co - Co

Transmission: Electric.

Engine: GM 12-645 of 2400kW (3218hp).

Weight: 120 Tonnes.

Length:

Maximum Speed: 120 km/h.

Gauge: Standard

Notes: Works numbers A4176-A4200. Most now out of service.

060-DL-01

060-DL-06

060-DL-11

060-DL-16

060-DL-21

060-DL-02

060-DL-07

060-DL-12

060-DL-17

060-DL-22

060-DL-03

060-DL-08

060-DL-13

060-DL-18

060-DL-23

060-DL-04

060-DL-09

060-DL-14

060-DL-19

060-DL-24

060-DL-05

060-DL-10

060-DL-15

060-DL-20

060-DL-25

CLASS 060-DM

Built: 1985 (1990?) by General Motors. (GT-26HCW2A).

Co - Co

Transmission: Electric.

Engine: GM 16-645E3 of 2400kW (3218hp).

Weight: 125 Tonnes.

Length:

Maximum Speed: 125 km/h.

Gauge: Standard

Notes: Works numbers A4889-A4898

060-DM-01

060-DM-03

060-DM-05

060-DM-07

060-DM-09

060-DM-02

060-DM-04

060-DM-06

060-DM-08

060-DM-10

CLASS 060-DP

Built: 1994 by General Motors. (GT26HCW-2A).

Co - Co

Transmission: Electric.

Engine: GM 16-645E3 of 2400kW (3218hp).

Weight: 125 Tonnes.

Length:

Maximum Speed: 125 km/h.

Gauge: Standard

Notes: Works numbers 898701-1 to 898701-10.

060-DP-01

060-DP-03

060-DP-05

060-DP-07

060-DP-09

060-DP-02

060-DP-04

060-DP-06

060-DP-08

060-DP-10

CLASS 060-DR

Built: 2007 by EMD. (GT36CW).

Co - Co

Transmission: Electric.

Engine: GM 20-645 of 2574kW (3450hp).

Weight: ? Tonnes.

Length:

Maximum Speed: 140 km/h.

Gauge: Standard

Notes: Works numbers 20028420-001 to 20028420-016.

Similar to 060-DS class (see below) but painted in orange livery, and used on freight work only.

060-DR-01

060-DR-05

060-DR-08

060-DR-11

060-DR-14

060-DR-02

060-DR-06

060-DR-09

060-DR-12

060-DR-15

060-DR-03

060-DR-07

060-DR-10

060-DR-13

060-DR-16

060-DR-04

CLASS 060-DS

Built: 2007 by EMD. (GT36HCW).

Co - Co

Transmission: Electric.

Engine: GM 20-645 of 2574kW (3450hp).

Weight: ? Tonnes.

Length:

Maximum Speed: 160 km/h.

Gauge: Standard

Notes: Works numbers 20028519-001 to 20028519-014.

These locos work all long-distance and some local passenger services.

060-DS-01

060-DS-04

060-DS-07

060-DS-10

060-DS-13

060-DS-02

060-DS-05

060-DS-08

060-DS-11

060-DS-14

060-DS-03

060-DS-06

060-DS-09

060-DS-12

MAIN LINE DIESEL LOCOMOTIVES (Four Powered Axles = 040)

CLASS 040-YDA

Built: 1977 by General Motors. (GL-18M).

A1A - A1A

Transmission: Electric.

Engine: GM 8-645 of 800kW (1072hp)

Weight: 72 Tonnes.

Length:

Maximum Speed: 80 km/h.

Gauge: 1055mm (as built)

Notes: Locos were originally constructed for the 1055mm gauge lines. These lines are now undergoing conversion to standard gauge. Loco 040-YDA-04 noted as regauged to standard gauge, July 2009.

040-YDA-01	040-YDA-06	040-YDA-11	040-YDA-16	040-YDA-21
040-YDA-02	040-YDA-07	040-YDA-12	040-YDA-17	040-YDA-22
040-YDA-03	040-YDA-08	040-YDA-13	040-YDA-18	040-YDA-23
040-YDA-04	040-YDA-09	040-YDA-14	040-YDA-19	040-YDA-24
040-YDA-05	040-YDA-10	040-YDA-15	040-YDA-20	040-YDA-25

CLASS 040-DH

Built: 1990 and 1993 by General Motors. (GL18B).

Bo - Bo

Transmission: Electric.

Engine: GM 8-645 of 800kW (1072hp)

Weight: 80 Tonnes.

Length:

Maximum Speed: 80 km/h.

Gauge: Standard

Notes: Works numbers A4901-A4905 (locos 01-05 of 1990) and 908750-01 to 908750-08 (locos 06 to 13 of 1993).

040-DH-01	040-DH-04	040-DH-07	040-DH-10	040-DH-12
040-DH-02	040-DH-05	040-DH-08	040-DH-11	040-DH-13
040-DH-03	040-DH-06	040-DH-09		

CLASS 040-DJ

Built: 2000 by General Motors. (GL18B).

Bo - Bo

Transmission: Electric.

Engine: GM 8-645 of 800kW (1072hp)

Weight: 80 Tonnes.

Length:

Maximum Speed: 80 km/h.

Gauge: Standard

Notes: Works numbers 988918-1 to 988918-15.

040-DJ-01	040-DJ-04	040-DJ-07	040-DJ-10	040-DJ-13
040-DJ-02	040-DJ-05	040-DJ-08	040-DJ-11	040-DJ-14
040-DJ-03	040-DJ-06	040-DJ-09	040-DJ-12	040-DJ-15

DIESEL SHUNTING LOCOMOTIVES

CLASS V60

Built: 1956, Mak (650C). † Henschel (V60).

C (0-6-0)

Transmission: Hydraulic

Engine: Maybach GT06 of 478kW (650hp)

Weight: 53 Tonnes.

Length:

Maximum Speed: 60 km/h.

Gauge: Standard

Notes: Second-hand from DB. Assumed all withdrawn from service.

V60-01
(360 108)

V60-02
(360 128)

V60-03 †
(360 206)

CLASS 600 DA

Built: 1971 by LEW

D (0-8-0)

Transmission: Hydraulic.

Engine: VEB 12 KVD 18/21 of 478kW (641hp)

Weight: 60 Tonnes.

Length:

Maximum Speed: 60 km/h.

Gauge: Standard

Notes: Similar to DB class 346. Assumed all withdrawn from service.

600-DA-01
600-DA-02
600-DA-03

600-DA-04
600-DA-05

600-DA-06
600-DA-07

600-DA-08
600-DA-09

600-DA-10
600-DA-11

CLASS 600 DB

Built: 1972 by LEW

D (0-8-0)

Transmission: Hydraulic.

Engine: VEB 12 KVD 18/21 of 478kW (641hp)

Weight: 60 Tonnes.

Length:

Maximum Speed: 60 km/h.

Gauge: Standard

Notes: Similar to DB class 346. Assumed all withdrawn from service.

600-DB-01
600-DB-02

600-DB-03
600-DB-04

600-DB-05
600-DB-06

600-DB-07
600-DB-08

600-DB-09
600-DB-10

CLASS 600 DC

Built: 1976 by LEW

D (0-8-0)

Transmission: Hydraulic.

Engine: VEB 12 KVD 18/21 of 478kW (641hp)

Weight: 60 Tonnes.

Length:

Maximum Speed: 60 km/h.

Gauge: Standard

Notes: Similar to DB class 346. Assumed all withdrawn from service.

600-DC-01
600-DC-02

600-DC-03

600-DC-04

600-DC-05

600-DC-06

CLASS 400 DD

Built: 2004 by Geismar / Donelli (VTL 500)

B (0-4-0)

Transmission: Hydraulic (Voith).

Engine: Deutz BF8M10115C of 348kW

Weight:

Length:

Maximum Speed: 60 km/h

Gauge: Standard

Notes: Used for lightweight shunting duties in yards and carriage sidings.

400-DD-01	400-DD-05	400-DD-08	400-DD-11	400-DD-14
400-DD-01	400-DD-06	400-DD-09	400-DD-12	400-DD-15
400-DD-03	400-DD-07	400-DD-10	400-DD-13	400-DD-16
400-DD-04				

DIESEL RAILCARS

CLASS ZZN-200

Built: 1972 by Fiat

2-car

Transmission: Mechanical

Engine: Fiat

Weight:

Length:

Maximum Speed: 120 km/h

Gauge: Standard

Notes: None seen during July 2009 trip. Assumed all withdrawn.

ZZN-201	ZZN-208	ZZN-215	ZZN-222	ZZN-228
ZZN-202	ZZN-209	ZZN-216	ZZN-223	ZZN-229
ZZN-203	ZZN-210	ZZN-217	ZZN-224	ZZN-230
ZZN-204	ZZN-211	ZZN-218	ZZN-225	ZZN-231
ZZN-205	ZZN-212	ZZN-219	ZZN-226	ZZN-232
ZZN-206	ZZN-213	ZZN-220	ZZN-227	ZZN-233
ZZN-207	ZZN-214	ZZN-221		

CLASS ZZ 2200

Built: 2008 by CAF

3-car

Transmission: Hydraulic

Engine: 4 x 338kW = 1352kW (1813hp)

Weight:

Length:

Maximum Speed: 160 km/h

Gauge: Standard

Notes: Similar to RENFE class 598, but without tilt.

ZZ 22 01 badly damaged due to level crossing collision (?).

ZZ 22 01	ZZ 22 04	ZZ 22 05	ZZ 22 08	ZZ 22 09
ZZ 22 02		ZZ 22 06		ZZ 22 10
ZZ 22 03		ZZ 22 07		ZZ 22 11

ZZ 22 12 ZZ 22 15
ZZ 22 13 ZZ 22 16
ZZ 22 14 ZZ 22 17

3000V DC ELECTRIC LOCOMOTIVES

These locos operate on the Tebessa - Annaba line.

CLASS 6BE

Built: 1958 by Alsthom.

Co - Co

Transmission: Electric.

Power output: 2295kW (3077hp)

Weight: 134 Tonnes.

Length:

Maximum Speed: 80 km/h.

Gauge: Standard

Notes: Believed all withdrawn.

6BE-1
6BE-2

6BE-3

6BE-4

6BE-5

6BE-6

CLASS 6CE

Built: 1972 by LEW Hennigsdorf and Skoda.

Co - Co

Transmission: Electric.

Power output: 1492kW (2000hp)

Weight: 130 Tonnes.

Length:

Maximum Speed: 80 km/h.

Gauge: Standard

Notes: Believed only 17 locos still operational.

6-CE-01
6-CE-02
6-CE-03
6-CE-04
6-CE-05
6-CE-06
6-CE-07

6-CE-08
6-CE-09
6-CE-10
6-CE-11
6-CE-12
6-CE-13
6-CE-14

6-CE-15
6-CE-16
6-CE-17
6-CE-18
6-CE-19
6-CE-20

6-CE-21
6-CE-22
6-CE-23
6-CE-24
6-CE-25
6-CE-26

6-CE-27
6-CE-28
6-CE-29
6-CE-30
6-CE-31
6-CE-32

CLASS 6FE

Built: 1995 by GEC Alstom-ACEC.

Co - Co

Transmission: Electric.

Power output: 2400kW (3218hp)

Weight: 132 Tonnes.

Length:

Maximum Speed: ? km/h.

Gauge: Standard

Notes:

6-FE-01
6-FE-02
6-FE-03

6-FE-04
6-FE-05
6-FE-06

6-FE-07
6-FE-08
6-FE-09

6-FE-10
6-FE-11
6-FE-12

6-FE-13
6-FE-14

25kV/50Hz AC ELECTRIC RAILCARS (Banlieue d'Algiers)

CLASS 541

Built: 2009 onwards by Stadler
Transmission: Electric
Power output: 2000kW (2682hp)
Weight: 120 tonnes
Maximum Speed: 120 km/h

4-section articulated units (Bo-2-2-2-Bo)

Length: 74.078 metres
Gauge: Standard

Notes: 144 seats. Still in the course of being delivered. 17 in traffic July 2009.
Also carry full UIC numbers RBe 91 92 9 541 101 - 164.

101	114	127	140	153
102	115	128	141	154
103	116	129	142	155
104	117	130	143	156
105	118	131	144	157
106	119	132	145	158
107	120	133	146	159
108	121	134	147	160
109	122	135	148	161
110	123	136	149	162
111	124	137	150	163
112	125	138	151	164
113	126	139	152	

Acknowledgements

I compiled this fleet list for my own use for a trip to Algeria I made in July 2009, and have updated it in the light of my observations on that trip. The sources of information I used were (in no particular order):

Maghreb Rail by Marcel Vleugels. ISBN 90-73280-06-0. Published by 'T Nijvere Lezerke. (Dutch language only).

European Railway Server <http://www.railfaneurope.net/frameset.html>

Larry Russell's GM Export Page <http://emdexport.railfan.net/home.html>

Phil Wormald's GE Export Page <http://www.locopage.net/ge.htm>

SNTF Website <http://www.sntf.dz/home.php?ln=fr>

Voith website

http://www.voithturbo.de/applications/documents/document_files/1012_d_g1701_cemafer_d_screen.pdf

Stadler website: http://stadler.divio.ch/media/uploads/factsheets/FLIRT_Alger_e.pdf

Inevitably there are discrepancies between these various sources of information, and I've probably added a few of my own. Please advise me of any errors or omissions.

Jeff Hawken. July 2009.

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August 2009. Updated with added GM engine details, and assorted other details.

October 2009. Further updated with GM worksplate details and other information provided by Martin Baumann.