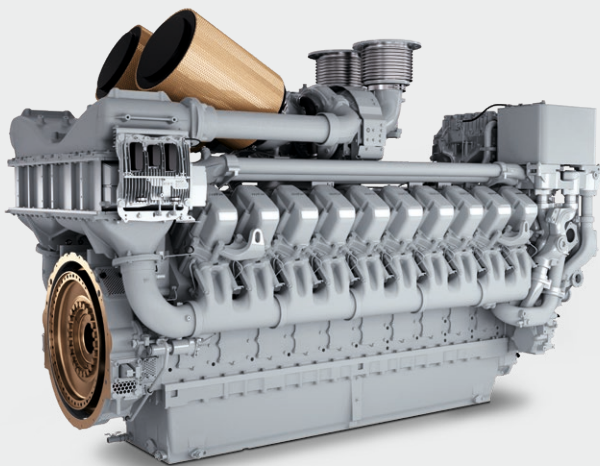




Gendrive

SERIES 4000 NOMENCLATURE OVERVIEW

Edition 1/19, valid from 11/2019



A Rolls-Royce
solution

New product update

DIESEL ENGINE – S4000 GX3

With the change of the Engine Control Unit (ECU) from ECU 7 to ECU9 the nomenclature of all Series 4000 engines has changed.

The advantages of ECU9 are:

- Smart Connect interface to connect a huge variety of 3rd party genset controllers
- 4x faster processor
- 20x more RAM
- J1939 capability
- Same interface for exhaust gas aftertreatment concept
- Possibility to connect CAN bus gauges (e.g. speed)
- Possibility to connect oil pressure and water temperature analog gauges directly to ECU
- Same configuration as S2000 Gx6

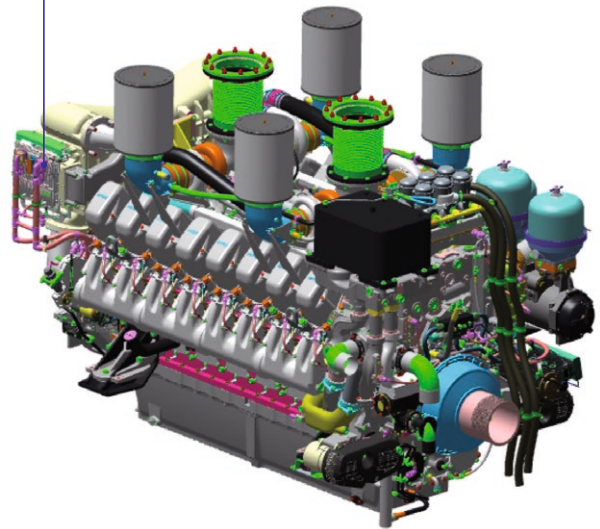
Changes will have no impact on the main technical features like emissions, fuel consumption, performance or footprint!

For more information please contact your local MTU dealer or MTU Sales engineer.

Changes in
nomenclature

GX3
to
GX4

ECU9



The diesel system nomenclature remains the same. Only the engine nomenclature changes.

NOMENCLATURE | 3D |
50HZ [KVA]

MTU 4000 DS

Cylinder	Genset Model Sales Name	Gx3 Engine (old nomenclature)
12V	MTU 12V4000 DS1650	MTU 12V4000 G23
	MTU 12V4000 DS1750	MTU 12V4000 G23
	MTU 12V4000 DS2000	MTU 12V4000 G63
	MTU 12V4000 DS2250	-
16V	MTU 16V4000 DS2250	MTU 16V4000 G23
	MTU 16V4000 DS2500	MTU 16V4000 G63
	MTU 16V4000 DS2750	-
20V	MTU 20V4000 DS2750	MTU 20V4000 G23
	MTU 20V4000 DS3100	MTU 20V4000 G63
	MTU 20V4000 DS3300	MTU 20V4000 G63L
	MTU 20V4000 DS3600	-
	MTU 20V4000 DS4000	-

Gross power ratings shown. Power ratings may vary depending on system configuration, voltage and ambient conditions.

1) so far only available as Diesel System

Gx4 Engine (new nomenclature)	Gx4 Engine (increased power)	Diesel System Standby Power (3D)
MTU 12V4000 G74F	-	1780
MTU 12V4000 G74F	-	1880
MTU 12V4000 G84F	-	2080
-	MTU 12V4000 G94F	2300
MTU 16V4000 G74F	-	2330
MTU 16V4000 G84F	-	2610
-	MTU 16V4000 G94F	2800
MTU 20V4000 G64F	-	2800
MTU 20V4000 G74F	-	3200
MTU 20V4000 G84F	-	3410
-	MTU 20V4000 G94F	3580
-	MTU 20V4000 G94LF ¹⁾	4000

The diesel system nomenclature remains the same. Only the engine nomenclature changes.

NOMENCLATURE | 3B, 3E, 3F, 3G |
50HZ [KVA]

MTU 4000 DS

Cylinder	Genset Model Sales Name	Gx3 Engine (old nomenclature)
12V	MTU 12V4000 DS1650	MTU 12V4000 G23
	MTU 12V4000 DS1750	MTU 12V4000 G23
	MTU 12V4000 DS2000	MTU 12V4000 G63
	MTU 12V4000 DS2250	-
16V	MTU 16V4000 DS2250	MTU 16V4000 G23
	MTU 16V4000 DS2500	MTU 16V4000 G63
	MTU 16V4000 DS2750	-
20V	MTU 20V4000 DS 2750	MTU 20V4000 G23
	MTU 20V4000 DS3100	MTU 20V4000 G63
	MTU 20V4000 DS3300	MTU 20V4000 G63L
	MTU 20V4000 DS3600	-
	MTU 20V4000 DS4000	-

Gross power ratings shown. Power ratings may vary depending on system configuration, voltage and ambient conditions.

- 1) so far only available as Diesel System
2) only 3E and 3F
3) only 3B und 3F

Gx4 Engine (new nomenclature)	Gx4 Engine (increased power)	Diesel System Power (3B, 3E, 3F, 3G)
MTU 12V4000 G14F	-	1600
MTU 12V4000 G14F	-	1700
MTU 12V4000 G24F	-	1880
-	MTU 12V4000 G34F	2100 ²⁾
MTU 16V4000 G14F	-	2160
MTU 16V4000 G24F	-	2360
-	MTU 16V4000 G34F	2600 ²⁾
MTU 20V4000 G14F	-	2640
MTU 20V4000 G24F	-	2910
MTU 20V4000 G34F	-	3110
-	MTU 20V4000 G44F	3380 ³⁾
-	MTU 20V4000 G44LF ¹⁾	3630 ²⁾

The diesel system nomenclature remains the same. Only the engine nomenclature changes.

NOMENCLATURE | 3D |
60HZ [KWE]

MTU 4000 DS

Cylinder	Genset Model Sales Name	Gx3 Engine (old nomenclature)
12V	MTU 12V4000 DS1500	MTU 12V4000 G43
	MTU 12V4000 DS1750	MTU 12V4000 G83
16V	MTU 16V4000 DS2000	MTU 16V4000 G43
	MTU 16V4000 DS2250	MTU 16V4000 G83
	MTU 16V4000 DS2500	MTU 16V4000 G83L
20V	MTU 20V4000 DS2500	MTU 20V4000 G43
	MTU 20V4000 DS2800	MTU 20V4000 G83
	MTU 20V4000 DS3000	MTU 20V4000 G83L
	MTU 20V4000 DS3250	MTU 20V4000 G83L

Gx4 Engine (new nomenclature)	Diesel System Standby Power (3D)
MTU 12V4000 G74S	1500
MTU 12V4000 G84S	1750
MTU 16V4000 G74S	2000
MTU 16V4000 G84S	2250
MTU 16V4000 G94S	2500
MTU 20V4000 G64S	2500
MTU 20V4000 G74S	2800
MTU 20V4000 G94S	3000
MTU 20V4000 G94S	3250

Gross power ratings shown. Power ratings may vary depending on system configuration, voltage and ambient conditions.

The diesel system nomenclature remains the same. Only the engine nomenclature changes.

NOMENCLATURE | 3B, 3E, 3F, 3G | 60HZ [KWE]

MTU 4000 DS

Cylinder	Genset Model Sales Name	Gx3 Engine (old nomenclature)
12V	MTU 12V4000 DS1250	MTU 12V4000 G43
	MTU 12V4000 DS1500	MTU 12V4000 G43
	MTU 12V4000 DS1750	MTU 12V4000 G83
16V	MTU 16V4000 DS2000	MTU 16V4000 G43
	MTU 16V4000 DS2250	MTU 16V4000 G83
20V	MTU 20V4000 DS2500	MTU 20V4000 G43
	MTU 20V4000 DS2800	MTU 20V4000 G83
	MTU 20V4000 DS3000	MTU 20V4000 G83L

Gross power ratings shown. Power ratings may vary depending on system configuration, voltage and ambient conditions.

Gx4 Engine (new nomenclature)	Diesel System Power (3B, 3E, 3F, 3G)
MTU 12V4000 G14S	1125
MTU 12V4000 G14S	1400
MTU 12V4000 G24S	1600
MTU 16V4000 G14S	1800
MTU 16V4000 G24S	2045
MTU 20V4000 G14S	2250
MTU 20V4000 G24S	2500
MTU 20V4000 G44S	2800

Including 3A engines and switchable gendrive engines

LOOSE ENGINE

NOMENCLATURE OVERVIEW

Gendrive Engines			50Hz - kVA - Prime Power (ICXN) 60Hz - kWe - Standby Power (IFN)				
Version	Frequency	Application Group	1350	1500	1750	2000	2000
			12V				16V
old	50 Hz	3A	-	-	G63	-	-
		3B 3E 3F 3G	G23R	G23	G63	-	G23
		3D	-	G23	G63	-	G23
	60 Hz	3A	-	G43	G83	-	G43
		3B 3F 3G	-	G43	G83	-	G43
		3D	-	G43	G83	-	G43
new	50 Hz	3A	-	-	B24F	-	-
		3B 3E 3F 3G	G14RF	G14F	G24F	G34F	G14F
		3D	-	G74F	G84F	G94F	G74F
	60 Hz	3A	-	B14S	B24S	-	B14S
		3B 3F 3G	-	G14S	G24S	-	G14S
		3D	-	G74S	G84S	-	G74S

50Hz - kVA - Prime Power (ICXN) 60Hz - kWe - Standby Power (IFN)						
2250	2500	2500	2750	3000	3250	3500
		20V				
G63	-	-	G63	G63L	-	-
G63	-	G23	G63	G63L	-	-
G63	-	G23	G63	G63L	-	-
G83	-	-	G83	-	G83L	-
G83	-	G43	G83	-	G83L	-
G83	G83L	G43	G83	-	G83L	-
B24F		-	B24F	B34F	-	-
G24F	G34F	G14F	G24F	G34F	G44F	G44LF
G84F	G94F	G64F	G74F	G84F	G94F	G94LF
B24S	-	-	B24S	-	B44S	-
G24S	-	G14S	G24S	-	G44S	-
G84S	G94S	G64S	G74S	-	G94S	-

Including 3A engines and switchable gendrive engines

LOOSE ENGINE
NOMENCLATURE OVERVIEW

Gendrive Switchable Engines			50Hz - kVA - Prime Power (ICXN) 60Hz - kWe - Standby Power (IFN)				
Version	Frequency	Application Group	1350	1500	1750	2000	2000
12V							16V
old	50 Hz/ 60 Hz	3A	-	-	G63	-	-
		3B	-	G23	G63	-	G23
		3D	-	G23	G63	-	G23
new	50 Hz/ 60 Hz	3A	-	-	B24X	-	-
		3B	-	G14X	G24X	-	G14X
		3D	-	G14X	G84X	-	G14X

50Hz - kVA - Prime Power (ICXN) 60Hz - kWe - Standby Power (IFN)						
2250	2500	2500	2750	3000	3250	3500
		20V				
G63	-	-	-	-	-	-
G63	-	-	-	-	-	-
G63	-	-	-	-	-	-
B24X	-	-	-	-	-	-
G24X	-	-	-	-	-	-
G84X	-	-	-	-	-	-

