DEUTZ
Diesel Engines for Electric Power Generation

2024 Portfolio Overview



DEUTZ Customer Advantages

DEUTZ Electric Power Generation

The DEUTZ Advantages for our Customers

Extensive Know-how / R&D Support

- In house experience for open (DOC / DOC+SCR) and closed (DPF / DPF+SCR) exhaust gas aftertreatment for 10 years in production
- Existing validation enables cost effective & fast application sign-off

Diesel, Gas, or even Hydrogen

- 1-stop-shopping - DEUTZ offers drive system from 12.5 to 500 kVA, you select Diesel, Compressed Natural Gas, Liquified Propane Gas, or Hydrogen

Ready for the Future with DEUTZ

- Best available technology by Stage V Diesel engines with low CO_2, NO_X and particle emissions
- State of the art Diesel, CNG, LPG, and Hydrogen engines
- Zero emissions & attractive total cost of ownership, with E-DEUTZ full electric & hybrid drive systems

Telematics

- Telematics hardware for serial production and retrofitting in after-market
- Dashboard for condition monitoring

Always at your Side: Worldwide DEUTZ service and support network

- Over 800 sales- and service partner in over 130 countries
- Independent engine supplier offers high priority to every customer

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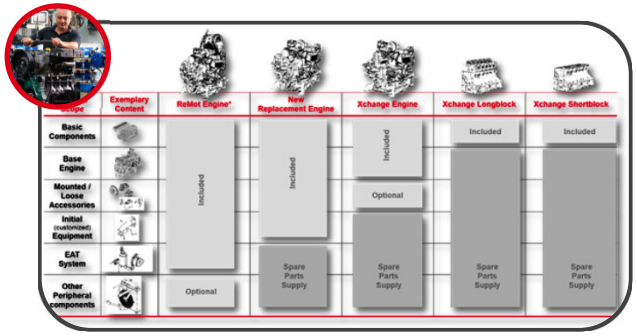
DEUTZ Lifetime Service & Support – Everywhere & Anytime



- Short & Long blocks
- Xchange Part
- Xchange Engines

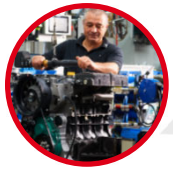


- Spare Parts with DEUTZ Quality
- Original Maintenance Parts
- Individual Repair Kits

DEUTZ Original Engines



DEUTZ Xchange



DEUTZ Service



DEUTZ Original Spare Parts



DEUTZ Additives & Engine Oils





- 2 Xchange Centers in Pendergrass (USA) & Ulm (Germany)
- Over 800 sales- & service partners in over 130 countries



- DEUTZ Premium Additives
- DEUTZ Coolant liquid
- DEUTZ Engine Oils & Analysis

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DEUTZ Generating Set Portfolio Overview

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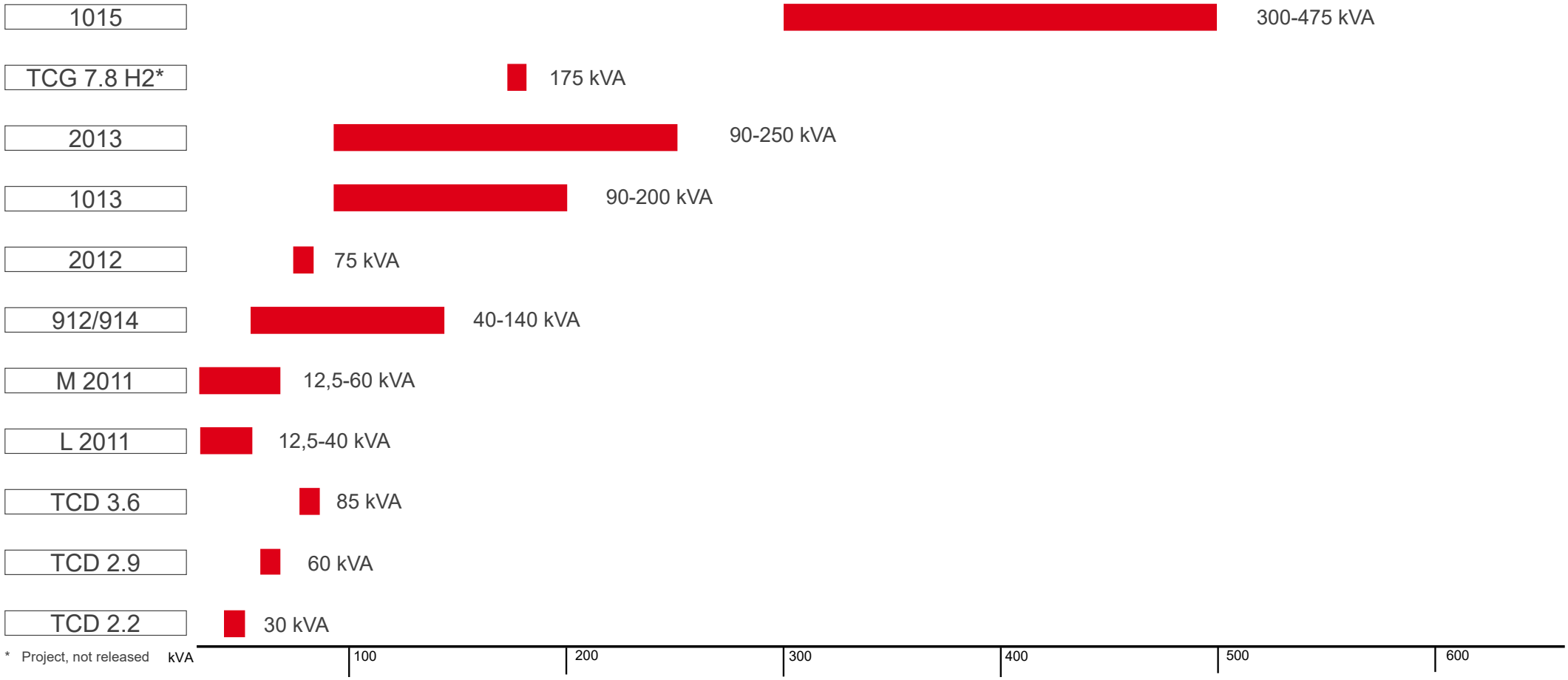
Power nodes for 50 Hz / 1,500 rpm applications



* Project, not released

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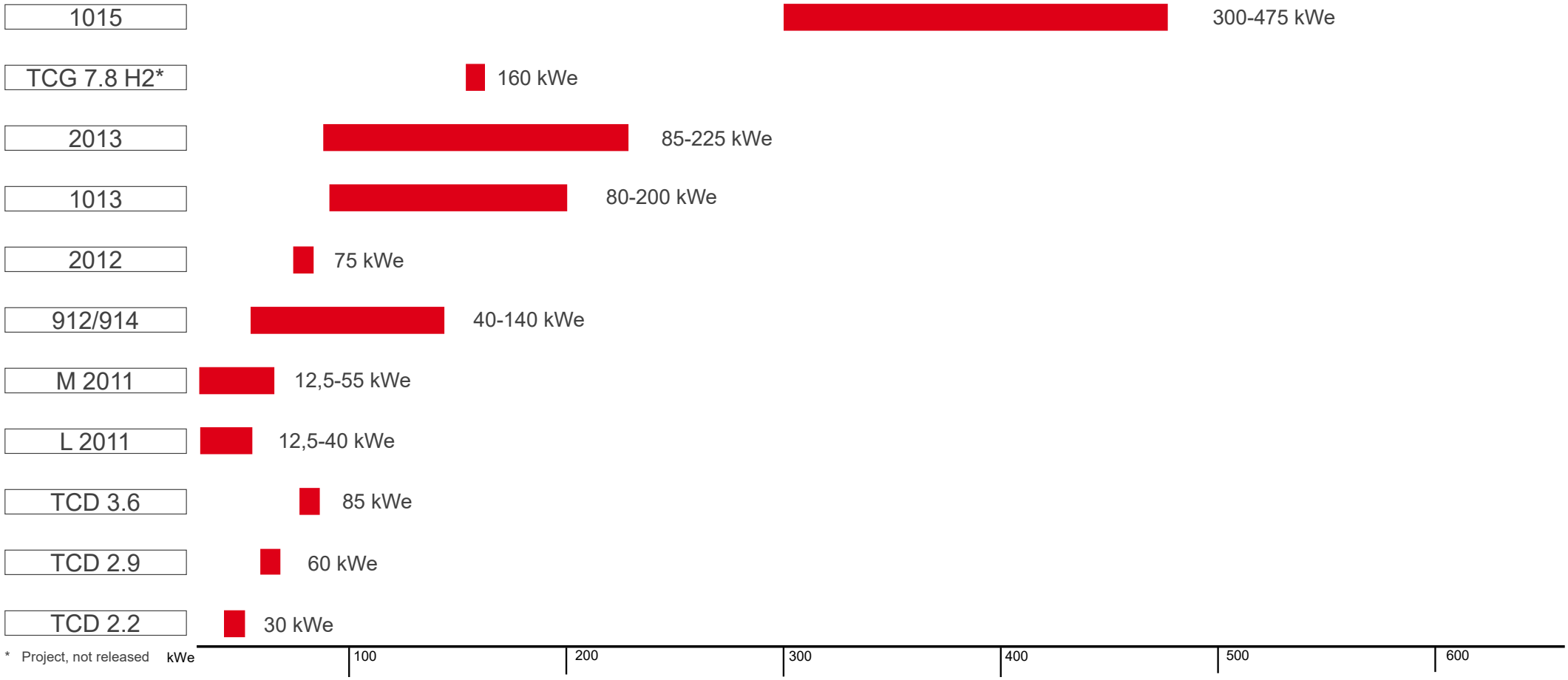
DEUTZ Electric Power Generation

Power nodes for 60 Hz / 1,800 rpm applications



* Project, not released

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Diesel Electric Power Generation

Engine Families by Electrical Output / Product Line Up

DIESEL

L 2011



- 12.5 – 40 kVA
- 12.5 – 40 kWe

M 2011



- 12.5 – 60 kVA
- 12.5 – 55 kWe

912



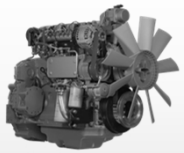
- 40 + 60 kVA
- 40 + 60 kWe

914



- 40 – 125 kVA
- 40 – 140 kWe

2012



- 75 kVA
- 75 kWe

1013



- 90 – 200 kVA
- 80 – 200 kWe

2013



- 80 – 250 kVA
- 85 – 225 kWe

1015



- 300 – 500 kVA
- 300 – 475 kWe

TD 2.2 L3



- 30 kVA
- 30 kWe

TCD 2.9 L4



- 40 – 60 kVA
- 40 – 45 kWe

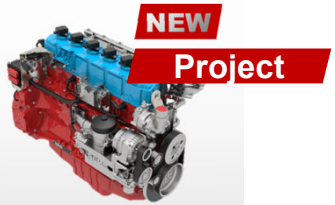
TCD 3.6 L4



- 95 kVA
- 85 kWe

H_2

TCG 7.8 L6*



- Hydrogen
- 170 kVA / 195 kVA

*project

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F2/3 **L** 2011

F2 L 2011



- 12.5 kVA / 12.5 kWe
- 1.6 litre / In-line 2-cylinder Diesel engine
- Aspiration: Natural aspirated
- Governing class: G2
- Coupling: 11.5 Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 645 x 654 x 707 mm
- Dry Weight (with cooling / air filter): 212 kg
- RoHs: RoHS compliant *
- Dual Frequency: -
- Emission certification: EU Stage 0/II + US EPA Tier 0/2
- EAT: not required for both emission classes

F3 L 2011



- 20 kVA / 20 kWe
- 2.3 litre / In-line 3-cylinder Diesel engine
- Aspiration: Natural aspirated
- Governing class: G2
- Coupling: 11.5 Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 756 x 652 x 707 mm
- Dry Weight (with cooling / air filter): 254 kg
- RoHs: RoHS compliant
- Dual Frequency: -
- Emission certification: EU Stage 0/II + US EPA Tier 0/2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
12,5	88%	12,6	11,1	13,9	12,0	10,6	**13,2**	15,1	**13,3**	16,6	14,3	12,6	15,7

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
20	88%	20,0	17,6	22,0	19,0	16,7	**20,9**	23,8	**20,9**	26,2	22,6	19,9	24,9

*60 Hz on request

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DEUTZ Electric Power Generation

F4 **L** 2011 / BF4 **L** 2011

F4 L 2011



- 30 kVA / 30 kWe
- 3.1 litre / In-line 4-cylinder Diesel engine
- Aspiration: Natural aspirated
- Governing class: G2
- Coupling: 11.5 Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 867 x 615 x 725 mm
- Dry Weight (with cooling / air filter): 293 kg
- RoHs: RoHS compliant
- Dual Frequency: -
- Emission certification: EU Stage 0/II + US EPA Tier 0/2
- EAT: not required for both emission classes

BF4 L 2011



- 40 kVA / 40 kWe
- 3.1 litre / In-line 4-cylinder Diesel engine
- Aspiration: Turbo charged
- Governing class: G2
- Coupling: 11.5 Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 777 x 572 x 706 mm, w/o air filter
- Dry Weight (with cooling and without air filter): 295 kg
- RoHs: RoHS compliant *
- Dual Frequency: -
- Emission certification: EU Stage 0/II + US EPA Tier 0/2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
30	88%	28,9	25,4	31,8	27,6	24,3	**30,4**	34,5	**30,4**	38,0	32,8	28,9	36,1

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
40	88%	38,1	33,5	41,9	36,3	31,9	**39,9**	45,5	**40,0**	50,1	43,2	38,0	47,5

*60 Hz on request

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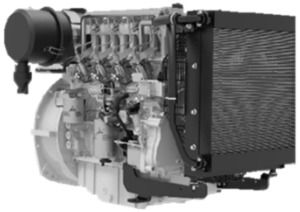
DEUTZ Electric Power Generation

F2/3 **M** 2011

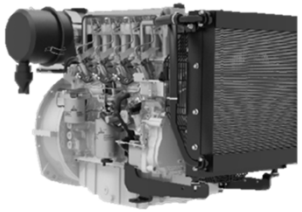
F2 M 2011



- 12.5 kVA / 12.5 kWe
- 1.6 litre / In-line 2-cylinder Diesel engine
- Aspiration: Natural aspirated
- Governing class: G2
- Coupling: 11.5” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 844 x 662 x 762 mm, incl. cooling pack / air filter
- Dry Weight (w/o / with cooling pack / air filter): 211 / 231 kg
- RoHs:
- Dual Frequency: -
- Emission certification: EU Stage 0/II + US EPA Tier 0/2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
12,5	88%	12,6	11,1	13,9	12,0	10,6	**13,2**	15,1	**13,3**	16,6	14,3	12,6	15,7

F3 M 2011



- 20 kVA / 20 kWe
- 2.3 litre / In-line 3-cylinder Diesel engine
- Aspiration: Natural aspirated
- Governing class: G2
- Coupling: 11.5” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 956 x 642 x 762 mm, incl. cooling pack / air filter
- Dry Weight (w/o / with cooling pack / air filter): 231 / 281 kg
- RoHs:
- Dual Frequency: -
- Emission certification: EU Stage 0/II + US EPA Tier 0/2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
20	88%	20,0	17,6	22,0	19,0	16,7	**20,9**	23,8	**20,9**	26,2	22,6	19,9	24,9

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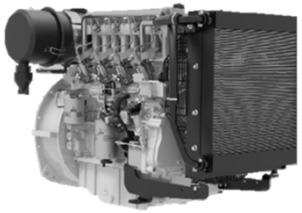
DEUTZ Electric Power Generation

F4 **M** 2011 / BF4 **M** 2011

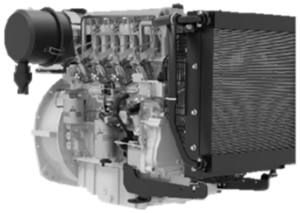
F4 M 2011



- 30 kVA / 30 kWe
- 3.1 litre / In-line 4-cylinder Diesel engine
- Aspiration: Natural aspirated
- Governing class: G2
- Coupling: 11.5” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 1,066 x 616 x 780 mm
- Dry Weight (w/o / with cooling pack / air filter): 281 / 332 kg
- RoHs: RoHS compliant
- Dual Frequency: -
- Emission certification: EU Stage 0/II + US EPA Tier 0/2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
30	88%	30,5	26,8	33,6	29,0	25,5	**31,9**	34,5	**30,4**	38,0	32,8	28,9	36,1

BF4 M 2011



- 40 kVA / 40 kWe
- 3.1 litre / In-line 4-cylinder Diesel engine
- Aspiration: Turbo charged
- Governing class: G2
- Coupling: 11.5” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 1,069 x 627 x 807 mm
- Dry Weight (w/o / with cooling pack / air filter): 282 / 333 kg
- RoHs: RoHS compliant
- Dual Frequency: -
- Emission certification: EU Stage 0/II + US EPA Tier 0/2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
40	88%	40,2	35,4	44,2	38,2	33,6	**42,0**	45,5	**40,0**	50,1	43,2	38,0	47,5

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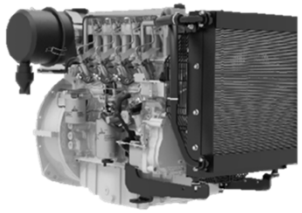
BF4 **M** 2011C



BF4 M 2011C

- 60 kVA / 55 kWe
- 3.1 litre / In-line 4-cylinder Diesel engine
- Aspiration: Turbo charged, charge air cooled
- Governing class: G2
- Coupling: 11.5” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 1,183 x 723 x 805 mm
- Dry Weight (w/o / with cooling pack / air filter): 300 / 362 kg
- RoHs: RoHS compliant
- Dual Frequency: -
- Emission certification: EU Stage 0/II + US EPA Tier 0/2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
60	91%	56,9	50,1	62,6	54,0	47,5	**59,4**	60,1	**52,9**	66,1	56,9	50,1	62,6

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DEUTZ Electric Power Generation

F4 L 912 / F6 L 912

F4 L 912



- 40 kVA / 40 kWe
- 4.3 litre / In-line 4-cylinder Diesel engine
- Aspiration: Natural aspirated
- Governing class: G2
- Coupling: 8/10” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 1,062 x 723 x 916 mm
- Dry Weight (with cooling and air filter): 307 kg
- Dual Frequency: -
- Emission certification: EU Stage 0 + US EPA Tier 0
- EAT: not required for both emission classes

F6 L 912



- 60 kVA / 60 kWe
- 6.5 litre / In-line 6-cylinder Diesel engine
- Aspiration: Natural aspirated
- Governing/ class: G2
- Coupling: 8/10” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 1,368 x 805 x 949 mm
- Dry Weight (with cooling and air filter): 430 kg
- Dual Frequency: -
- Emission certification: EU Stage 0 + US EPA Tier 0
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
40	88%	37,5	33,0	41,3	36,5	32,1	**40,2**	43,5	**38,3**	47,9	42,5	37,4	46,8

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
60	88%	55,0	48,4	60,5	54,0	47,5	**59,4**	65,5	**57,6**	72,1	64,0	56,3	70,4

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DEUTZ Electric Power Generation

F4 L 914 / F6 L 914

F4 L 914



- 50 kVA / 50 kWe
- 4.3 litre / In-line 4-cylinder Diesel engine
- Aspiration: Natural aspirated
- Governing class: G2
- Coupling: 8/10” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 1,062 x 723 x 916 mm
- Dry Weight (with cooling and without air filter): 307 kg
- RoHs:
- Dual Frequency: -
- Emission certification: EU Stage 0 + US EPA Tier 0
- EAT: not required for both emission classes

F6 L 914



- 75 kVA / 75 kWe
- 6.5 litre / In-line 6-cylinder Diesel engine
- Aspiration: Natural aspirated
- Governing/ class: G2
- Coupling: 8/10” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 1,368 x 805 x 949 mm
- Dry Weight (with cooling and without air filter): 430 kg
- RoHs:
- Dual Frequency: -
- Emission certification: EU Stage 0 + US EPA Tier 0
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
50	88%	45,5	40,0	50,1	43,0	37,8	**47,3**	53,9	**47,4**	59,3	51,4	45,2	56,5

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
75	91%	68,5	62,3	77,9	65,0	59,2	**73,9**	80,7	**73,4**	91,8	76,7	69,8	87,2

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BF4 L 914 / BF6 L 914

BF4 L 914



- 70 kVA / 70 kWe
- 4.3 litre / In-line 4-cylinder Diesel engine
- Aspiration: Turbo charged
- Governing class: G2
- Coupling: 8/10” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 896 x 699 x 821 mm
- Dry Weight (with cooling and without air filter): 350 kg
- Dual Frequency: -
- Emission certification: EU Stage 0 + US EPA Tier 0
- EAT: not required for both emission classes

BF6 L 914



- 100 kVA / 100 kWe
- 6.5 litre / In-line 6-cylinder Diesel engine
- Aspiration: Turbo charged
- Governing class: G2
- Coupling: 8/10” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 1,187 x 703 x 875 mm
- Dry Weight (with cooling and without air filter): 485 kg
- Dual Frequency: -
- Emission certification: EU Stage 0 + US EPA Tier 0
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
70	91%	62,0	56,4	70,5	59,0	53,7	**67,1**	74,0	**67,3**	84,2	70,0	63,7	79,6

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
100	92%	93,1	85,7	107,1	92,0	84,6	**105,8**	116,0	**106,7**	133,4	110,0	101,2	126,5

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DEUTZ Electric Power Generation

BF6 L 914C

BF6 L 914C



- 140 kVA / 140 kWe
- 6.5 litre / In-line 6-cylinder Diesel engine
- Aspiration: Turbo charged, charge air cooled
- Governing class: G2
- Coupling: 8/10” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 1,278 x 773 x 941 mm
- Dry Weight (with cooling and without air filter): 510 kg
- Dual Frequency: -
- Emission certification: EU Stage 0 + US EPA Tier 0
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
135	92%	125,0	115,0	143,8	119,0	109,5	**136,9**	151,0	**138,9**	173,7	143,5	132,0	165,0

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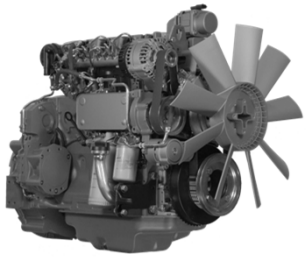
BF4 M 2012C

BF4 M 2012C



- 75 kVA / 75 kWe
- 4.0 litre / In-line 4-cylinder Diesel engine
- Aspiration: Turbo charged, charge air cooled
- Governing class: G2
- Coupling: 11.5” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 1,472 x 887 x 1,051 mm
- Dry Weight (w/o / with cooling pack / air filter): 405 / 473 kg
- RoHs: RoHS compliant
- Dual Frequency: ☑
- Emission certification: EU Stage II + US EPA Tier 2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
75	91%	70,0	63,7	79,6	66,1	60,2	**75,2**	79,7	**72,5**	90,7	70,7	64,3	80,4

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DEUTZ Electric Power Generation

BF4 1013 EC/FC

BF4 M 1013 EC



- 90 + 100 kVA / 80 + 90 kWe
- 4.8 litre / In-line 4-cylinder Diesel engine
- Aspiration: Turbo charged, charge air cooled
- Governing class: G2
- Coupling: 11.5” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 1,547 x 736 x 1,151 mm
- Dry Weight (w/o / with cooling pack / air filter): 526 / 560 kg
- RoHs: RoHS compliant
- Dual Frequency: ☑
- Emission certification: EU Stage II + US EPA Tier 2
- EAT: not required for both emission classes

BF4 M 1013 FC



- 125 kVA / 115 kWe
- 4.8 litre / In-line 4-cylinder Diesel engine
- Aspiration: Turbo charged, charge air cooled
- Governing class: G2
- Coupling: 11.5” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 1,598 x 875 x 1,248 mm
- Dry Weight (w/o / with cooling pack / air filter): 526 / 560 kg
- RoHs: RoHS compliant
- Dual Frequency: ☑
- Emission certification: EU Stage II + US EPA Tier 2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
90	91%	83,1	75,6	94,5	79,1	72,0	**90,0**	84,8	**77,2**	96,5	79,8	72,6	90,8
100	92%	96,1	88,4	110,5	91,1	83,8	**104,8**	99,8	**91,8**	114,8	94,8	87,2	109,0

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
125	92%	124,0	114,1	142,6	112,0	103,0	**128,8**	127,3	**117,1**	146,4	115,3	106,1	132,6

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DEUTZ Electric Power Generation

BF6 1013 EC/FC

BF6 M 1013 EC



- 160 kVA / 140 kWe
- 7.2 litre / In-line 6-cylinder Diesel engine
- Aspiration: Turbo charged, charge air cooled
- Governing class: G2
- Coupling: 11.5” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 1,881 x 1,046 x 1,323 mm
- Dry Weight (w/o / with cooling pack / air filter): 708 / 770 kg
- RoHs: RoHS compliant
- Dual Frequency: ☑
- Emission certification: EU Stage II + US EPA Tier 2
- EAT: not required for both emission classes

BF6 M 1013 FC



- 175 + 200 kVA / 170 + 200 kWe
- 7.2 litre / In-line 6-cylinder Diesel engine
- Aspiration: Turbo charged, charge air cooled
- Governing class: G2
- Coupling: 11.5” Flywheel / SAE 2 Housing
- Dimensions (L x W x H): 1,904 x 1,046 x 1,323 mm
- Dry Weight (w/o / with cooling pack / air filter): 708 / 770 kg
- RoHs: RoHS compliant
- Dual Frequency: ☑
- Emission certification: EU Stage II + US EPA Tier 2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
160	92%	145,8	134,1	167,7	138,8	127,7	**159,6**	154,3	**142,0**	177,4	146,3	134,6	168,2

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
175	92%	162,8	149,8	187,2	154,8	142,4	**178,0**	184,6	**169,8**	212,3	175,6	161,6	201,9
200	93%	193,8	180,2	225,3	175,8	163,5	**204,4**	212,5	**197,6**	247,0	191,6	178,2	222,7

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DEUTZ Electric Power Generation

TCD 2013 L04 2V / TCD 2013 L06 2V

TCD 2013 L04 2V



- 90 or 100 kVA / kWe
- 4.8 litre / In-line 4-cylinder Diesel engine
- Aspiration: Turbo, charged air cooled
- Governing class: G2
- Coupling: 11.5” Flywheel / SAE 2 Housing
- Dimensions with cooling pack (L x W x H): 1,589 x 880 x 1,247 mm
- Dry Weight (w/o / with cooling pack / air filter): 534 / 624 kg
- RoHs: Release in progress
- Dual Frequency: ☑
- Emission certification: EU Stage IIIA + US EPA Tier 2
- EAT: not required for both emission classes

TCD 2013 L06 2V



- 125 or 150 kVA / kWe
- 7.2 litre / In-line 6-cylinder Diesel engine
- Aspiration: Turbo, charged air cooled
- Governing class: G3
- Coupling: 11.5” Flywheel / SAE 2 Housing
- Dimensions with cooling pack (L x W x H): 1,909 x 879 x 1,263 mm
- Dry Weight (w/o / with cooling pack / air filter): 725 / 815 kg
- RoHs: Release in progress
- Dual Frequency: ☑
- Emission certification: EU Stage IIIA + US EPA Tier 2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
90	91%	83,0	75,5	94,4	78,7	71,6	**89,5**	93,4	**85,0**	106,2	88,5	80,5	100,7
100	92%	97,7	89,9	112,4	92,7	85,3	**106,6**	109,9	**101,1**	126,4	104,2	95,9	119,8

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
150	92%	125,1	115,1	143,9	118,6	109,1	**136,4**	140,4	**129,2**	161,5	132,9	122,3	152,8
175	93%	145,5	135,3	169,1	138,0	128,3	**160,4**	163,9	**152,4**	190,5	155,2	144,3	180,4

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DEUTZ Electric Power Generation

TCD 2013 L06 4V

TCD 2013 L06 4V



- 175, 200 or 250 kVA / 175 / 200 / 225 kWe
- 7.2 litre / In-line 6-cylinder Diesel engine
- Aspiration: Turbo, charged air cooled
- Governing class: G3
- Coupling: 11.5” Flywheel / SAE 2 Housing
- Dimensions (L x W x H): 1,865 x 1,046 x 1,322 mm
- Dry Weight (w/o / with cooling pack / air filter): 740 / 870 kg
- RoHs: RoHS compliant
- Dual Frequency: ☑
- Emission certification: EU Stage IIIA + US EPA Tier 2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
175	93,0%	174,3	162,1	202,6	165,1	153,5	**191,9**	196,3	**182,6**	228,2	185,7	172,7	215,9
200	93,0%	193,6	180,0	225,1	183,5	170,7	**213,3**	218,0	**202,7**	253,4	206,3	191,9	239,8
250	93,0%	241,9	225,0	281,2	229,4	213,3	**266,7**	245,2	**228,0**	285,0	232,2	215,9	269,9

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DEUTZ Electric Power Generation

BF6 M 1015 C/CP

BF6 M 1015C



- 315 / 350 kVA / 300 kWe
- 11.9 litre / V6 Diesel engine
- Turbo charged, charge air cooled
- Governing class: G2
- Coupling: 14” Flywheel / SAE 1 Housing
- Dimensions (L x W x H): 1,559 x 1,102 x 1,724 mm
- Dry Weight (w/o / with cooling pack / air filter): 850 / 1,135 kg
- RoHs: Release in progress
- Dual Frequency: -
- Emission certification: EU Stage II + US EPA Tier 2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
300	93%	300,5	279,5	349,3	271,5	252,5	**315,6**	322,0	**299,5**	374,3	291,0	270,6	338,3
350	93%	331,5	308,3	385,4	301,5	280,4	**350,5**	0,0	0,0	0,0	0,0	0,0	0,0

BF6 M 1015CP



- 375 kVA / 350 kWe
- 11.9 litre / V6 Diesel engine
- Turbo charged, charge air cooled
- Governing class: G2
- Coupling: 14” Flywheel / SAE 1 Housing
- Dimensions (L x W x H): 1,559 x 1,102 x 1,724 mm
- Dry Weight (w/o / with cooling pack / air filter): 850 / 1,135 kg
- RoHs: Release in progress
- Dual Frequency: -
- Emission certification: EU Stage II + US EPA Tier 2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
375	93%	351,5	326,9	408,6	324,5	301,8	**377,2**	368,4	**342,6**	428,3	335,4	311,9	389,9

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DEUTZ Electric Power Generation

BF8 M 1015 C/CP

BF8 M 1015C



- 425 / 450 kVA / 400 kWe
- 15.9 litre / V8 Diesel engine
- Turbo charged, charge air cooled
- Governing class: G2
- Coupling: 14” Flywheel / SAE 1 Housing
- Dimensions (L x W x H): 1,667 x 1,102 x 1,844 mm
- Dry Weight (w/o / with cooling pack / air filter): 1,060 / 1,340 kg
- RoHs: Release in progress
- Dual Frequency: -
- Emission certification: EU Stage II + US EPA Tier 2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
425	94%	400,1	376,1	470,1	362,1	340,4	**425,5**	438,4	**412,1**	515,1	397,4	373,6	466,9
450	94%	441,1	414,6	518,3	395,1	371,4	**464,2**	0,0	**0,0**	0,0	0	0,0	0,0

BF8 M 1015CP



- 500 kVA / 450 kWe
- 15.9 litre / V8 Diesel engine
- Turbo charged, charge air cooled
- Governing class: G2
- Coupling: 14” Flywheel / SAE 1 Housing
- Dimensions (L x W x H): 1,667 x 1,102 x 1,844 mm
- Dry Weight (w/o / with cooling pack / air filter): 1,060 / 1,340 kg
- RoHs: Release in progress
- Dual Frequency: -
- Emission certification: EU Stage II + US EPA Tier 2
- EAT: not required for both emission classes

		50 Hz / 1,500 rpm						60 Hz / 1,800 rpm					
		LTP			PRP			LTP			PRP		
Power Node	Generator Efficiency	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA
500	94%	472,1	443,8	554,7	430,1	404,3	**505,4**	497,3	**467,5**	584,3	457,4	430,0	537,4

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DEUTZ Electric Power Generation

TD 2.2 L3 / TD 2.9 L4

TD 2.2 L3 SoP 11/23



30 kVA / 30 kWe

- 2.2 litre / In-line 3-cylinder Diesel engine
- Aspiration: Turbo charged
- Governing class: in validation
- Coupling: 11.5” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 576 x 582 x 771 mm
- Dry Weight (core engine / engine + mounted EAT): 238 / 262 kg
- RoHs: RoHS compliant
- Dual Frequency: ☑
- Emission certification: EU Stage V + US EPA Tier 4 final
- EAT: DOC/DPF

Node	Generator efficiency	LTP [kVA]	LTP [kWm]	PRP [kVA]	PRP [kWm]
50 Hz / 1500 rpm	90 %	33	29	30	26,3
60 Hz / 1800 rpm	90 %	32	35,3	28	31,6

TD 2.9 L4 SoP 11/23



- 40 kVA / 40 kWe
- 2.9 litre / In-line 4-cylinder Diesel engine
- Aspiration: Turbo charged
- Governing class: in validation
- Coupling: 11.5” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 678 x 554 x 730 mm
- Dry Weight (core engine / engine + mounted EAT): 288 / 305 kg
- RoHs RoHS compliant
- Dual Frequency: ☑
- Emission certification: EU Stage V + US EPA Tier 4 final
- EAT: DOC/DPF

Node	Generator efficiency	LTP [kVA]	LTP [kWm]	PRP [kVA]	PRP [kWm]
50 Hz / 1500 rpm	90 %	44	39	40	35,3
60 Hz / 1800 rpm	90 %	41	46	37	41,2

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DEUTZ Electric Power Generation

TCD 2.9 L4 / TCD 3.6 L4 – Alternative Fuels Portfolio

TCD 2.9 L4



60 kVA / 60 kWe

- 2.9 litre / In-line 3-cylinder Diesel engine
- Aspiration: Turbo charged, charge air cooled
- Governing class: G2
- Coupling: 11.5” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 678 x 555 x 736 mm
- Dry Weight (core engine / engine + mounted EAT): 288 / 305 kg
- RoHs: RoHS compliant
- Dual Frequency: ☑
- Emission certification: EU Stage V + US EPA Tier 4 final
- EAT: DOC/DPF

Node	Generator efficiency	LTP [kVA]	LTP [kWm]	PRP [kVA]	PRP [kWm]
50 Hz / 1500 rpm	90 %	61	54,1	55	49
60 Hz / 1800 rpm	90 %	48	53,4	44	48,4

TCD 3.6 L4 SoP 10/23



- 100 kVA / 100 kWe
- 3.6 litre / In-line 4-cylinder Diesel engine
- Aspiration: Turbo charged, charge air cooled
- Governing class: in validation
- Coupling: 11.5” Flywheel / SAE 3 Housing
- Dimensions (L x W x H): 733 x 644 x 797 mm
- Dry Weight (core engine / engine + mounted EAT): 349 / 446 kg
- RoHs RoHS compliant
- Dual Frequency: ☑
- Emission certification: EU Stage V + US EPA Tier 4 final
- EAT: DOC/DPF

Node	Generator efficiency	LTP [kVA]	LTP [kWm]	PRP [kVA]	PRP [kWm]
50 Hz / 1500 rpm	90 %	93	82,4	87	77,6
60 Hz / 1800 rpm	90 %	88	97,3	83	91,7

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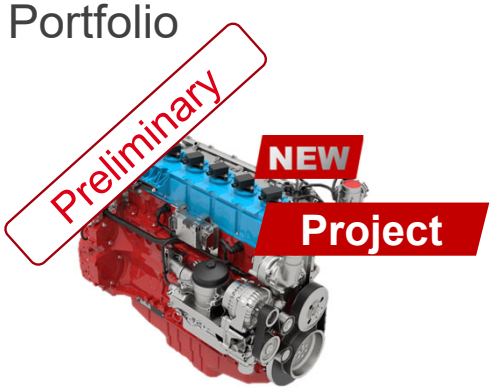
DEUTZ Electric Power Generation

TCG7.8 (H_2) L6 – Alternative Fuels Portfolio

TCG7.8 L6 (H_2)



- 170 kVA @ 1500 rpm / 195 kVA @ 1800 rpm
- 7.8 litre / In-line 6-cylinder Diesel engine
- Aspiration: Turbo charged, charge air cooled
- Governing class: G2
- Coupling: 11.5” Flywheel / SAE 2 Housing
- Dimensions (L x W x H): 1,214 x 797 x 1,065 mm, w/o fan and cooling package
- Dry Weight (without cooling pack / air filter): 725 kg
- RoHs: RoHS compliant
- Dual Frequency: ☑
- Emission certification: early project phase, depends on usage
- EAT: - (NO_X reduction via externally cooled EGR)

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Thank you!

DEUTZ AG
Ottostr. 1
51149 Cologne, Germany
Phone: +49 (0) 221 822-0
Fax: +49 (0) 221 822-3525
E-mail: info@deutz.com
www.deutz.com

DEUTZ Electric Power Generation

Abbreviations

Abbreviation	Explanation
CNG	**C**ompressed **N**atural **G**as
DOC	**D**iesel **O**xidation **C**atalyst
DPF	**D**iesel **P**article **F**ilter
EAT	**E**xhaust gas **A**fter **T**reatment
EGR	**E**xhaust **G**as **R**ecirculation
kVA	**k**ilo **V**olt **A**mpere
kWe	**k**ilo **W**att **e**lectric
LPG	**L**iquified **P**etroleum **G**as
LTD	Limi**te**d (Time power)
NG	**N**atural **G**as
PRP	**Pr**ime **P**ower
RoHS	**R**estriction **o**f (the use of certain) **H**azardous **S**ubstances in electrical and electronic equipment“
SAE	**S**ociety of **A**utomotive **E**ngineers
SCR	**S**elective **C**atalytic **R**eduction

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