

		DEUTZ										
		AIR COOLED								OIL COOLED		
		GBA/GSA12L	GBA6D	GBA14D	GBA17D	GSA22D	GSA30D	GSA42D	GSA65D	GBL/GSL22D	GBL/GSL30D	GBL/GSL42D
<b>GEN SET</b>												
Prime power [PRP]	kVA/kWe	10,1/8,1	5,6/4,5	12,7/10,2	15,0/12,0	19,0/15,2	29,0/23,2	39,9/31,9	61,0/48,8	20,0/16,0	29,0/23,2	39,3/31,4
Emergency power [LTP]	kVA/kWe	11,3/9,0	5,9/4,7	13,4/10,7	16,2/13,0	20,1/16,1	29,9/23,9	41,0/32,8	62,1/49,7	21,1/16,8	30,0/24,0	41,2/33,0
Frequency	Hz	50	50	50	50	50	50	50	50	50	50	50
Three Phases Voltage	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230
<b>ENGINE</b>												
Brand		DEUTZ										
Model		9LD 625	D909 L1	F2L2011	D910 L02	F3L2011	F4L2011	F4L912	F6L912	F3M2011	F4M2011	BF4M2011
Prime power	kWm	9,6	5,5	12	14	19	27,6	37	55	19	27,6	36,4
Speed	rpm	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Intake		NATURAL										TURBO
Cooling		AIR	AIR	AIR	AIR	AIR	AIR	AIR	AIR	OIL	OIL	OIL
Cylinders		2 IN LINE	1	2 IN LINE	2 IN LINE	3 IN LINE	4 IN LINE	4 IN LINE	6 IN LINE	3 IN LINE	4 IN LINE	4 IN LINE
Displacement	cm3	1248	710	1550	1650	2330	3110	3770	5650	2330	3110	3110
Standard governor		MECHANICAL										
Cooling air flow	m3/h	1578 (2)	-	1065	-	1075	1490	1810	2610	1800	1800	2370
<b>LUBRICATION SYSTEM</b>												
Lubricating oil capacity (1)	l	2,8	2,1	6	4	5,5	10	11	13,5	5,5	10	10
<b>FUEL CONSUMPTION</b>												
75% load	l/h	2,4	1,1	2,5	3,0	3,9	5,2	7,1	10,5	3,9	5,3	7,1
100% load	l/h	3,2	1,5	3,4	4,0	5,2	6,9	9,4	14,0	5,2	7,1	9,4
<b>ELECTRIC SYSTEM</b>												
Battery (ACP)	Ah	1X55	1X55	1X70	1X70	1X70	1X70	1X95	1X95	1X70	1X70	1X70
Starting motor	kW	-	2	3	3	3	3	3	3	3	3	3
<b>ALTERNATOR</b>												
Brand		LINZ				LINZ	STAMFORD					
Model		E1S13 S/4	E1S13 S/4	E1S13 M/4	E1S13 M/4	E1S13 M/4	BCI 184 F	BCI 184 J	UCI 224 E	BCI 184 E	BCI 184 F	BCI 184 J
Efficiency at 3/4	%	84,8	81,3	85,4	86,3	86,5	85,8	86,6	88,8	84,2	85,8	86,6
Power at 27° C	kVA/kWe	11/8,8	7/5,6	13/10,4	16/12,8	19,0/15,2	29/23,2	44/35,2	61/48,8	22,5/18	29/23,2	44/35,2
Insulation		CLASS H				CLASS H	CLASS H			CLASS H		
Protection		IP 21				IP 21	IP 23			IP 23		
Regulation		COMPOUND				COMPOUND	ELECTRONIC (+/- 1,5% WITH 4% ENGINE GOVERNING)			ELECTRONIC (+/- 1,5% WITH 4% ENGINE GOVERNING)		

(1) sump, including filters

(2) at 3000 rpm

For other voltages, please request to factory

	PERKINS			DEUTZ									
	WATER COOLED			WATER COOLED									
	GSW15P	GSW22P	GSW65D	GSW80D	GSW110D	GSW145D	GSW170D	GSW195D	GSWD220D	GSW530D	GSW560D		
<b>GEN SET</b>													
Prime power [PRP]	kVA/kWe	13,0/10,4	19,4/15,5	58/46	74/59	102/82	135/108	159/127	186/149	208/166	459/367	509/407	
Emergency power [LTP]	kVA/kWe	14,4/11,5	21,4/17,1	63/50	78/63	108/86	142/113	167/134	194/155	220/176	528/422	546/437	
Frequency	Hz	50	50	50	50	50	50	50	50	50	50	50	
Three Phases Voltage	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	
<b>ENGINE</b>													
Brand		PERKINS			DEUTZ								
Model		403C-15G	404C-22G	BF4M2012G2	BF4M2012C	BF4M1013EC	BF6M1013E	BF6M1013EC	BF6M 1013 FC G2	BF6M1013 FC G3	BF8M1015C G2	BF8M 1015CP	
Prime power	kWm	12	18,4	52	66,1	91,1	117,8	138,1	162	179	391,3	433,9	
Speed	rpm	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	
Intake		NATURAL		TURBO	TURBO, CAC		TURBO	TURBOINTERCOOLER					
Cooling		WATER			WATER								
Cylinders		3 IN LINE	4 IN LINE	4 IN LINE	4 IN LINE	4 IN LINE	6 IN LINE	6 IN LINE	6 IN LINE	6 IN LINE	8 V	8 V	
Displacement	cm3	1496	2216	4040	4040	4760	7150	7150	7150	7150	15900	15900	
Standard governor		MECHANICAL			MECHANICAL				ELECTRONIC				
Cooling air flow	m3/h	2196	2412	5400	4680	6120	9000	10800	7377	8852	24120	33120	
<b>LUBRICATION SYSTEM</b>													
Lubricating oil capacity (1)	l	6	10,6	8,5	8,5	11	20	20	34	34	45	45	
<b>FUEL CONSUMPTION</b>													
75% load	l/h	2,7	4,0	10,3	11,7	16,7	21,9	24,5	29,5	32,4	72	86	
100% load	l/h	3,6	5,3	13,7	15,7	22,2	29,2	32,7	39,3	43,3	96	114	
<b>ELECTRIC SYSTEM</b>													
Battery (ACP)	Ah	1X70	1X70	1X95	1X95	1X145	1X145	1X145	2X145	2X145	2X155	2X155	
Starting motor	kW	2	2	3	3	3,1	3,1	3,1	3,1	3,1	5,4	5,4	
<b>ALTERNATOR</b>													
Brand		MECC ALTE	STAMFORD	STAMFORD								MECC-ALTE	
Model		ECO 3 2L	BCI 184 E	UCI 224 E	UCI 224 F	UCI 274 C	UCI 274 E	UCI 274 F	UCI 274 G	UCI 274 H	ECO40 3S	ECO40 3S	
Efficiency at 3/4	%	86,8	84,2	88,8	89,9	90,3	91,7	92,3	92,4	93,3	93,9	93,9	
Power at 27° C	kVA/kWe	14,3/11,4	22,5/18	61/50	77/62	106/85	145/116	170/136	187/150	212/170	546/437	546/437	
Insulation		CLASS H			CLASS H								
Protection		IP 23			IP 23								
Regulation		ELECTRONIC (+/- 1,5% WITH 4% ENGINE GOVERNING)							ELECTRONIC (+/-1,5% WITH 4% ENGINE GOVERNING)				

(1) sump, including filters  
For other voltages, please request to factory

		VOLVO PENTA						
		WATER COOLED						
		GSW275V	GSW330V	GSW415V	GSW450V	GSW510V	GSW560V	GSW590V
<b>GEN SET</b>								
Prime power [PRP]	kVA/kWe	257/205	315/252	378/302	411/329	461/369	505/404	571/457
Emergency power [LTP]	kVA/kWe	275/220	330/264	414/331	437/350	507/406	546/437	601/481
Frequency	Hz	50	50	50	50	50	50	50
Three Phases Voltage	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230
<b>ENGINE</b>								
Brand		VOLVO						
Model		TAD 740 GE	TAD 941 GE	TAD 1241 GE	TAD 1242 GE	TAD 1640 GE	TAD 1641 GE	TAD 1642 GE
Prime power	kWm	220	279	323	352	393	430	485
Speed	rpm	1500	1500	1500	1500	1500	1500	1500
Intake		TURBO INTERCOOLER						
Cooling		WATER						
Cylinders		6 IN LINE	6 IN LINE	6 IN LINE	6 IN LINE	6 IN LINE	6 IN LINE	6 IN LINE
Displacement	cm3	7280	9360	12130	12130	16120	16120	16120
Standard governor		ELECTRONIC						
Cooling air flow	m3/h	11508	17410	16525	19918	16820	21541	21541
<b>LUBRICATION SYSTEM</b>								
Lubricating oil capacity (1)	l	29	33	35	35	48	48	48
<b>FUEL CONSUMPTION</b>								
75% load	l/h	39	48	57	63	68	76	87
100% load	l/h	52	65	76	83	91	101	116
<b>ELECTRIC SYSTEM</b>								
Battery (ACP)	Ah	2X155	2X200	2X155	2X155	2X200	2X200	2X200
Starting motor	kW	5,4	5,4	6	6	6	6	6
<b>ALTERNATOR</b>								
Brand		MECC-ALTE						
Model		ECO 38 1L	ECO 38 2L	ECO 40 1S	ECO 40 1S	ECO 40 3S	ECO 40 3S	ECO 40 1L
Efficiency at 3/4	%	94,6	94,1	93,8	93,8	94,2	94,2	94,6
Power at 27° C	kVA/kWe	275/220	330/264	437/350	437/350	546/437	546/437	601/481
Insulation		CLASS H						
Protection		IP 21						
Regulation		ELECTRONIC (+/- 1,5% WITH 4% ENGINE GOVERNING)						

(1) sump, including filters  
For other voltages, please request to factory