



# DIESEL GENERATORS -- JCD SERIES

GROUP		JCD 23	JCD 33	JCD 44	JCD 55
Stand By Power	kVA ( kWe ) A	23,0 [18,4] 33,2	33,0 [26,4] 47,7	44,0 [35,2] 63,6	55,0 [44,0] 79,5
Prime Power	kVA ( kWe ) A	21,0 [16,8] 30,3	30,0 [24,0] 43,4	40,0 [32,0] 57,8	50,0 [40,0] 72,3
Continuous Power	kVA ( kWe ) A	17,6 [14,1] 25,4	26,4 [21,1] 38,2	38,5 [30,8] 55,6	41,6 [33,3] 60,2
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
ENGINE					
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF3M G1	BF3M G2	BFM3T	BFM3C
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Standby Power	(kW)	22,0	32,0	44,0	50,0
Net Engine Prime Power	(kW)	20,0	29,0	40,0	45,0
Number of Cylinder		4	4	4	4
Configuration		Vertical In Line	Vertical In Line	Vertical In Line	Vertical In Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Naturally	Naturally	Turbo	CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	3,168	3,168	3,168	3,168
Bore and Stroke	[mm]	98 x 105	98 x 105	98 x 105	98 x 105
Compression Ratio		18.5:1	18.5:1	18.5:1	18.5:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime %50 Loaded	[L/h]	1,6	2,3	3,0	3,2
Fuel Consumption Prime %75 Loaded	[L/h]	2,8	3,9	5,5	6,0
Fuel Consumption Prime %100 Loaded	[L/h]	4,0	5,8	8,0	8,7
Fuel Consumption Prime %110 Loaded	[L/h]	5,4	7,7	10,3	11,2
Fuel Tank Capacity Open (Canopy)	[lt]	58 [40]	58 [40]	55 [100]	134 [100]
ALTERNATOR					
Model		JCB 160LX	JCB 180M2	JCB 180LA	JCB 180LXA
Output Power	400 V-kVA	21,0	31,0	40,0	50,0
Overspeed	rpm	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Voltage Regulation		±1	±1	±1	±1
DIMENSIONS					
Width, Open [Canopy]	[mm]	597 [942]	619 [942]	622 [1002]	700 [1002]
Length, Open [Canopy]	[mm]	1400 [1916]	1400 [1916]	1600 [2269]	1700 [2269]
Height, Open [Canopy]	[mm]	1309 [1444]	1329 [1444]	1329 [1597]	1562 [1597]
Weight, Open [Canopy]	[kg]	553 [690]	585 [740]	685 [850]	857 [990]

GROUP		JCD 66	JCD 85	JCD 100	JCD 110
Stand By Power	kVA ( kWe ) A	66,0 [52,8] 95,4	85,0 [68,0] 122,8	100,0 [80,0] 144,5	110,0 [88,0] 159,0
Prime Power	kVA ( kWe ) A	60,0 [48,0] 86,7	77,0 [61,6] 111,3	91,0 [72,8] 131,5	100,0 [80,0] 144,5
Continuous Power	kVA ( kWe ) A	55,1 [44,1] 79,7	67,3 [53,8] 97,1	83,2 [66,5] 120,2	97,9 [78,4] 141,5
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50

## ENGINE

Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF4M2012	BF4M2012CG1	BF4M2012CG2	BF4M1013ECG1
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Standby Power	(kW)	60,0	74,9	93,0	102,0
Net Engine Prime Power	(kW)	54,0	71,0	85,0	97,0
Number of Cylinder		4	4	4	4
Configuration		Vertical In Line	Vertical In Line	Vertical In Line	Vertical In Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo	Turbo, CAC	Turbo, Intercooler	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Heinzmann / Electronic
Displacement	[L]	4,04	4,04	4,04	4,76
Bore and Stroke	[mm]	101 x 126	101 x 126	101 x 126	108 x 130
Compression Ratio		19:1	19:1	18,1:1	19:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime %50 Loaded	[L/h]	4,0	5,0	5,90	6,70
Fuel Consumption Prime %75 Loaded	[L/h]	7,0	8,90	10,80	12,20
Fuel Consumption Prime %100 Loaded	[L/h]	10,20	13,30	15,90	18,00
Fuel Consumption Prime %110 Loaded	[L/h]	13,70	18,10	21,30	24,20
Fuel Tank Capacity Open (Canopy)	[lt]	161 [205]	161 [205]	161 [205]	161 [205]

## ALTERNATOR

Model		JCB 225S2	JCB 225M1	JCB 225M2	JCB 225LX
Output Power	400 V-kVA	65,0	77,0	91,0	109,0
Overspeed	rpm	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Voltage Regulation		±1	±1	±1	±1

## DIMENSIONS

Width, Open [Canopy]	[mm]	700 [1042]	700 [1042]	700 [1042]	700 [1042]
Length, Open [Canopy]	[mm]	1900 [2615]	1900 [2615]	1900 [2615]	1900 [2615]
Height, Open [Canopy]	[mm]	1562 [1766]	1562 [1766]	1562 [1766]	1562 [1766]
Weight, Open [Canopy]	[kg]	1024 [1200]	1024 [1200]	1024 [1200]	1067 [1240]



# DIESEL GENERATORS -- JCD SERIES

GROUP		JCD 130	JCD 145	JCD 175	JCD 200
Stand By Power	kVA ( kW <sub>e</sub> ) A	130,0 [104,0] 187,9	145,0 [116,0] 209,5	175,0 [140,0] 252,9	200,0 [160,0] 289,0
Prime Power	kVA ( kW <sub>e</sub> ) A	118,0 [94,4] 170,5	132,0 [105,6] 190,8	159,0 [127,2] 229,8	182,0 [145,6] 263,0
Continuous Power	kVA ( kW <sub>e</sub> ) A	103,6 [82,9] 149,7	116,2 [92,9] 167,8	151,6 [121,3] 219,0	164,2 [131,4] 237,3
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50

## ENGINE

Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF4M1013ECG2	BF4M1013FC	BF6M1013EC-G1	BF6M1013EC-G2
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Standby Power	(kW)	116,0	129,0	153,0	175,0
Net Engine Prime Power	(kW)	105,0	117,0	146,0	160,0
Number of Cylinder		4	4	6	6
Configuration		Vertical In Line	Vertical In Line	Vertical In Line	Vertical In Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	4,76	4,76	7,15	7,15
Bore and Stroke	[mm]	108 x 130	108 x 130	108 x 130	108 x 130
Compression Ratio		19:1	18,1:1	19:1	19:1
Electric System	[V]	12	12	24	24
Fuel Consumption Prime-%50 Loaded	[L/h]	7,10	7,60	10,0	10,90
Fuel Consumption Prime-%75 Loaded	[L/h]	12,90	14,00	18,30	19,90
Fuel Consumption Prime-%100 Loaded	[L/h]	19,30	20,90	26,90	29,50
Fuel Consumption Prime-%110 Loaded	[L/h]	26,10	28,90	35,9	39,2
Fuel Tank Capacity Open (Canopy)	[lit]	190 [376]	190 [376]	256 [376]	256 [376]

## ALTERNATOR

Model		JCB 270S	JCB 270S1	JCB 270S2	JCB 270M
Output Power	400 V-kVA	123,0	141,0	159,0	182,0
Overspeed	rpm	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Voltage Regulation		±1	±1	±1	±1

## DIMENSIONS

Width, Open [Canopy]	[mm]	800 [1153]	800 [1153]	900 [1153]	900 [1153]
Length, Open [Canopy]	[mm]	2150 [2971]	2150 [2971]	2400 [2971]	2400 [2971]
Height, Open [Canopy]	[mm]	1549 [2027]	1549 [2027]	1549 [2027]	1549 [2027]
Weight, Open [Canopy]	[kg]	1205 [1610]	1217 [1620]	1317 [1670]	1328 [1690]

GROUP		JCD 210	JCD 220	JCD 275	JCD 330
Stand By Power	kVA ( kWe) A	210,0 [168,0] 303,5	220,0 [176,0] 317,9	275,0 [220,0] 397,4	330,0 [264,0] 476,9
Prime Power	kVA ( kWe) A	191,0 [152,8] 276,0	200,0 [160,0] 289,0	250,0 [200,0] 361,3	300,0 [240,0] 433,5
Continuous Power	kVA ( kWe) A	165,4 [132,3] 239,0	182,6 [146,1] 263,9	224,7 [179,8] 324,7	266,2 [213,0] 384,7
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50

### ENGINE

Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF6M1013FCG2	BF6M1013FC-G3	TCD8.0	TCD8.7
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Prime Power	(kW)	183,0	201,0	250,0	290,0
Net Engine Standby Power	(kW)	166,0	183,0	225,0	265,0
Number of Cylinder		6	6	6	6
Configuration		Vertical In Line	Vertical In Line	Vertical In Line	Vertical In Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	7,15	7,15	7,8	8,70
Bore and Stroke	[mm]	108 x 130	108 x 130	110 x 136	117x 135
Compression Ratio		19:1	19:1	17:1	17,5:1
Electric System	[V]	24	24	24	24
Fuel Consumption Prime %50 Loaded	[L/h]	11,10	11,90	15,2	15,20
Fuel Consumption Prime %75 Loaded	[L/h]	20,30	22,60	28,1	26,0
Fuel Consumption Prime %100 Loaded	[L/h]	30,20	33,60	39,9	37,98
Fuel Consumption Prime-%110 Loaded	[L/h]	40,60	45,60	51,6	51,57
Fuel Tank Capacity Open (Canopy)	[t]	256 [376]	256 [445]	475 [673]	475 [673]

### ALTERNATOR

Model		JCB 270M1	JCB 270M1	JCB 270LX	JCB 270LXA
Output Power	400 V-kVA	214,0	214,0	255,0	318,0
Overspeed	rpm	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Voltage Regulation		±1	±1	±1	±1

### DIMENSIONS

Width, Open [Canopy]	[mm]	900 [1153]	900 [1140]	1100 [1179]	1100 [1179]
Length, Open [Canopy]	[mm]	2400 [2971]	2400 [3409]	3095 [3921]	3095 [3921]
Height, Open [Canopy]	[mm]	1549 [2027]	1840 [1955]	1782 [2498]	1782 [2498]
Weight, Open [Canopy]	[kg]	1450 [1810]	1554 [1940]	2159 [2600]	2163 [2600]

# DIESEL GENERATORS -- JCD SERIES

GROUP		JCD 375	JCD 410	JCD 450	JCD 500	JCD 550
Stand By Power	kVA ( kWe ) A	375,0 [300,0] 541,9	410,0 [328,0] 592,5	450,0 [360,0] 650,3	500,0 [400,0] 722,5	550,0 [440,0] 794,8
Prime Power	kVA ( kWe ) A	341,0 [272,8] 492,8	373,0 [298,4] 539,0	455,0 [364,0] 657,5	455,0 [364,0] 657,5	500,0 [400,0] 722,5
Continuous Power	kVA ( kWe ) A	299,6 [239,7] 433,0	349,0 [279,2] 504,3	413,6 [330,9] 597,7	413,6 [330,9] 597,7	460,6 [368,5] 665,6
Power Factor	CosQ	0,8	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50	50

ENGINE						
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		TCD12.1G1	TCD12.1G2	TCD13.0G1	TCD13.0G1	TCD13.0G2
Speed	(RPM)	1500	1500	1500	1500	1500
Gross Engine Prime Power	(kW)	330,0	360,0	395,0	435,0	470,0
Net Engine Standby Power	(kW)	290,0	310,0	365,0	395,0	440,0
Number of Cylinder		6	6	6	6	6
Configuration		Vertical In Line	Vertical In Line	Vertical In Line	Vertical In Line	Vertical In Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW	CCW
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Electronic	Electronic
Displacement	[L]	12,10	12,10	12,94	12,94	12,94
Bore and Stroke	[mm]	131 x 150	131 x 150	131 x 160	131 x 160	131 x 160
Compression Ratio		17:1	17:1	17:1	19:1	19:1
Electric System	[V]	24	24	24	24	24
Fuel Consumption Prime-%50 Loaded	[L/h]	18,41	22,54	38,88	24,32	26,33
Fuel Consumption Prime-% 75 Loaded	[L/h]	33,55	40,26	59,25	43,60	48,61
Fuel Consumption Prime-% 100 Loaded	[L/h]	48,79	57,97	79,00	66,56	71,87
Fuel Consumption Prime-%110 Loaded	[L/h]	64,64	76,79	85,95	88,77	100,06
Fuel Tank Capacity Open (Canopy)	[lit]	475 [673]	475 [673]	400 [673]	400 [673]	400 [673]

ALTERNATOR						
Model		JCB 315S	JCB 315S	JCB 315M	JCB 315MXA	JCB 315L
Output Power	400 V-kVA	373,0	373,0	409,0	468,0	514,0
Overspeed	rpm	2250	2250	2250	2250	2250
Insulation Class		H	H	H	H	H
Protection		IP-23	IP-23	IP-23	IP-23	IP-23
Voltage		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Voltage Regulation		±1	±1	±1	±1	±1

DIMENSIONS						
Width, Open [Canopy]	[mm]	1100 [1179]	1100 [1179]	1200 [1646]	1200 [1646]	1200 [1646]
Length, Open [Canopy]	[mm]	3254 [3921]	3254 [3921]	3374 [4632]	3374 [4632]	3374 [4632]
Height, Open [Canopy]	[mm]	1782 [2498]	1782 [2498]	1953 [2641]	1953 [2641]	1953 [2641]
Weight, Open [Canopy]	[kg]	2353 [2790]	2379 [2970]	2878 [3740]	2878 [3740]	2878 [3790]

GROUP		JCD 23M	JCD 33M	JCD 44M	JCD 55M
Stand By Power	kVA ( kWe ) A	23,0 [18,4] 100,0	33,0 [26,4] 143,5	44,0 [35,2] 191,3	55,0 [44,0] 239,1
Prime Power	kVA ( kWe ) A	21,0 [16,8] 91,3	30,0 [24,0] 130,4	40,0 [32,0] 173,9	50,0 [40,0] 217,4
Continuous Power	kVA ( kWe ) A	16,8 [13,4] 73,0	24,0 [19,2] 104,3	32,0 [25,6] 139,1	40,0 [32,0] 173,9
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
ENGINE					
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BFM3 G1	BFM3 G2	BFM3T	BFM3C
Speed	(RPM)	1500	1500	1500	1500
Gross Output LTP or Standby Power	(kW)	22,0	32,0	44,0	50,0
Gross Output PRP or Prime Power	(kW)	20,0	29,0	40,0	45,0
Number of Cylinder		4	4	4	4
Configuration		In-line	In-line	In-line	In-line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Natural	Naturally	Turbo	CAC
Governing System		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	3,168	3,168	3,168	3,168
Bore and Stroke	[mm]	98 x 105	98 x 105	98 x 105	98 x 105
Compression Ratio		18,5:1	18,5:1	18,5:1	18,5:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime %50 Loaded	[L/h]	2,72	3,84	5,44	5,97
Fuel Consumption Prime % 75 Loaded	[L/h]	3,98	5,77	7,88	8,63
Fuel Consumption Prime % 100 Loaded	[L/h]	5,30	7,62	10,14	11,09
Fuel Consumption Prime %110 Loaded	[L/h]	5,83	8,41	11,15	12,33
Fuel Tank Capacity Open (Canopy)	[lt]	40 [58]	58 [40]	55 [100]	134 [100]
ALTERNATOR					
Model		JCB 180M2	JCB 180LX	JCB 225S2	JCB 225M1
Output Power	480 V-kVA	31,0	46,0	65,0	77,0
Overspeed	rpm	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		230 V	230 V	230 V	230 V
Voltage Regulation		±1	±1	±1	±1
DIMENSIONS					
Width, Open [Canopy]	[mm]	597 [942]	619 [942]	622 [1002]	700 [1002]
Length, Open [Canopy]	[mm]	1400 [1916]	1400 [1916]	1600 [2269]	1700 [2269]
Height, Open [Canopy]	[mm]	1309 [1444]	1329 [1444]	1329 [1597]	1562[1597]
Weight, Open [Canopy]	[kg]	553 [690]	585 [740]	685 [850]	857 [990]

# DIESEL GENERATORS -- JCD SERIES

GROUP		JCD 30	JCD 40	JCD 52	JCD 66
Stand By Power	kVA ( kWe ) A	30,0 [24,0] 43,4	40,0 [32,0] 57,8	52,0 [41,6] 75,1	66,0 [52,8] 95,4
Prime Power	kVA ( kWe ) A	27,3 [21,8] 39,4	36,4 [29,1] 52,5	47,3 [37,8] 68,3	60,0 [48,0] 86,7
Continuous Power	kVA ( kWe ) A	23,1 [18,5] 33,4	31,9 [25,5] 46,1	42,9 [34,3] 62,0	52,9 [42,3] 76,4
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	60	60	60	60
ENGINE					
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF3M G1	BF3M G2	BFM3T	BFM3C
Speed	(RPM)	1800	1800	1800	1800
Gross Output LTP or Standby Power	(kW)	28,0	38,0	50,0	60,0
Gross Output PRP or Prime Power	(kW)	25,0	34,0	45,0	55,0
Number of Cylinder		4	4	4	4
Configuration		Vertical In Line	Vertical In Line	Vertical In Line	Vertical In Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Naturally	Naturally	Turbo	CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	3,168	3,168	3,168	3,168
Bore and Stroke	[mm]	98 x 105	98 x 105	98 x 105	98 x 105
Compression Ratio		18.5:1	18.5:1	18.5:1	18.5:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime %50 Loaded	[L/h]	2,0	3,1	3,8	4,1
Fuel Consumption Prime % 75 Loaded	[L/h]	3,6	4,8	6,2	7,7
Fuel Consumption Prime % 100 Loaded	[L/h]	5,2	6,7	8,9	10,7
Fuel Consumption Prime %110 Loaded	[L/h]	6,6	9,0	11,4	13,8
Fuel Tank Capacity Open (Canopy)	[lit]	58 [40]	58 [40]	55 [100]	134 [100]
ALTERNATOR					
Model		JCB 180M	JCB 180M2	JCB 180LA	JCB 180LXA
Output Power	480 V-kVA	28,0	38,0	45,0	57,0
Overspeed	rpm	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		277 / 480 V	277 / 480 V	277 / 480 V	277 / 480 V
Voltage Regulation		±1	±1	±1	±1
DIMENSIONS					
Width, Open [Canopy]	[mm]	597 [942]	619 [942]	622 [1002]	700 [1002]
Length, Open [Canopy]	[mm]	1400 [1916]	1400 [1916]	1600 [2269]	1700 [2269]
Height, Open [Canopy]	[mm]	1309 [1444]	1329 [1444]	1329 [1597]	1562[1597]
Weight, Open [Canopy]	[kg]	553 [690]	585 [740]	685 [850]	857 [990]



GROUP		JCD 77	JCD 95	JCD 115	JCD 120
Stand By Power	kVA ( kWe ) A	77,0 [61,6] 111,3	95,0 [76,0] 137,3	115,0 [92,0] 166,2	120,0 [96,0] 173,4
Prime Power	kVA ( kWe ) A	70,0 [56,0] 101,2	86,4 [69,1] 124,8	104,5 [83,6] 151,1	109,1 [87,3] 157,6
Continuous Power	kVA ( kWe ) A	65,3 [55,2] 94,3	79,7 [63,8] 115,2	96,8 [77,4] 139,9	107,0 [85,6] 154,7
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	60	60	60	60

## ENGINE

Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF4M2012	BF4M2012CG1	BF4M2012CG2	BF4M1013ECG1
Speed	(RPM)	1800	1800	1800	1800
Gross Output LTP or Standby Power	(kW)	70,0	88,0	108,0	110,0
Gross Output PRP or Prime Power	(kW)	63,0	79,0	99,0	100,0
Number of Cylinder		4	4	4	4
Configuration		Vertical In Line	Vertical In Line	Vertical In Line	Vertical In Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo	Turbo, CAC	Turbo, Intercooler	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Heinzmann / Electronic
Displacement	[L]	4,04	4,04	4,04	4,76
Bore and Stroke	[mm]	101 x 126	101 x 126	101 x 126	108 x 130
Compression Ratio		19:1	19:1	18,1:1	19:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime %50 Loaded	[L/h]	4,90	5,80	6,90	7,70
Fuel Consumption Prime %75 Loaded	[L/h]	8,40	10,10	12,40	13,50
Fuel Consumption Prime %100 Loaded	[L/h]	12,20	14,80	18,20	19,70
Fuel Consumption Prime %110 Loaded	[L/h]	16,40	20,00	24,40	26,20
Fuel Tank Capacity Open (Canopy)	[lt]	161 [205]	161 [205]	161 [205]	161 [205]

## ALTERNATOR

Model		JCB 225S2	JCB 225M1	JCB 225M2	JCB 225M2
Output Power	480 V-kVA	77,0	83,0	103,0	103,0
Overspeed	rpm	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		277/ 480 V	231 / 400 V	231 / 400 V	231 / 400 V
Voltage Regulation		±1	±1	±1	±1

## DIMENSIONS

Width, Open [Canopy]	[mm]	700 [1042]	700 [1042]	700 [1042]	700 [1042]
Length, Open [Canopy]	[mm]	1900 [2615]	1900 [2615]	1900 [2615]	1900 [2615]
Height, Open [Canopy]	[mm]	1562 [1766]	1562 [1766]	1562 [1766]	1562 [1766]
Weight, Open [Canopy]	[kg]	1024 [1200]	1024 [1200]	1024 [1200]	1067 [1240]

# DIESEL GENERATORS -- JCD SERIES

GROUP		JCD 137	JCD 152	JCD 180	JCD 220
Stand By Power	kVA ( kWe ) A	137,0 [109,6] 198,0	152,0 [121,6] 219,7	180,0 [144,0] 260,1	220,0 [176,0] 317,9
Prime Power	kVA ( kWe ) A	124,5 [99,6] 180,0	138,2 [110,5] 199,7	163,6 [130,9] 236,5	200,0 [160,0] 289,0
Continuous Power	kVA ( kWe ) A	114,0 [91,2] 164,7	123,1 [98,4] 177,8	161,9 [129,5] 234,0	181,5 [145,2] 262,2
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	60	60	60	60

## ENGINE

Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF4M1013ECG2	BF4M1013FC	BF6M1013EC-G1	BF6M1013EC-G2
Speed	(RPM)	1800	1800	1800	1800
Gross Output LTP or Standby Power	(kW)	125,0	136,0	163,0	197,0
Gross Output PRP or Prime Power	(kW)	115,0	124,0	155,0	181,0
Number of Cylinder		4	4	4	6
Configuration		Vertical In Line	Vertical In Line	Vertical In Line	Vertical In Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	4,76	4,76	7,15	7,15
Bore and Stroke	[mm]	108 x 130	108 x 130	108 x 130	108 x 130
Compression Ratio		19:1	18,1:1	19:1	19:1
Electric System	[V]	12	12	24	24
Fuel Consumption Prime %50 Loaded	[L/h]	8,30	8,50	11,50	13,70
Fuel Consumption Prime %75 Loaded	[L/h]	14,70	15,40	20,00	23,70
Fuel Consumption Prime %100 Loaded	[L/h]	21,50	23,00	29,30	34,50
Fuel Consumption Prime %110 Loaded	[L/h]	29,10	31,90	39	45,8
Fuel Tank Capacity Open (Canopy)	[lit]	190 [376]	190 [376]	256 [376]	256 [376]

## ALTERNATOR

Model		JCB 225LX	JCB 270S	JCB 270S1	JCB 270M
Output Power	480 V-kVA	117,0	139,0	164,0	184,0
Overspeed	rpm	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		277 / 480 V	277 / 480 V	277 / 480 V	277 / 480 V
Voltage Regulation		±1	±1	±1	±1

## DIMENSIONS

Width, Open [Canopy]	[mm]	800 [1153]	800 [1153]	900 [1153]	900 [1153]
Length, Open [Canopy]	[mm]	2150 [2971]	2150 [2971]	2400 [2971]	2400 [2971]
Height, Open [Canopy]	[mm]	1549 [2027]	1549 [2027]	1549 [2027]	1549 [2027]
Weight, Open [Canopy]	[kg]	1205 [1610]	1217 [1620]	1317 [1670]	1328 [1690]

GROUP		JCD 230	JCD 250	JCD 300	JCD 360
Stand By Power	kVA ( kWe ) A	230,0 [184,0] 332,4	250,0 [200,0] 361,3	300,0 [240,0] 433,5	360,0 [288,0] 520,2
Prime Power	kVA ( kWe ) A	209,1 [167,3] 302,2	227,3 [181,8] 328,4	272,7 [218,2] 394,1	327,3 [261,8] 472,9
Continuous Power	kVA ( kWe ) A	186,1 [148,9] 268,9	205,6 [164,5] 297,1	243,1 [194,5] 351,3	289,5 [231,6] 418,3
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	60	60	60	60

### ENGINE

Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF6M1013FCG2	BF6M1013FCG3	TCD8.0	TCD8.7
Speed	(RPM)	1800	1800	1800	1800
Gross Output LTP or Standby Power	(kW)	204,0	224,9	270,0	320,0
Gross Output PRP or Prime Power	(kW)	186,0	204,0	245,0	290,0
Number of Cylinder		6	6	6	6
Configuration		Vertical In Line	Vertical In Line	Vertical In Line	Vertical In Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	7,15	7,15	7,8	8,70
Bore and Stroke	[mm]	108 x 130	108 x 130	110 x 136	117x 135
Compression Ratio		19:1	19:1	17:1	17,5:1
Electric System	[V]	24	24	24	24
Fuel Consumption Prime %50 Loaded	[L/h]	13,00	13,90	16,9	18,71
Fuel Consumption Prime %75 Loaded	[L/h]	23,30	25,80	32,9	33,59
Fuel Consumption Prime %100 Loaded	[L/h]	34,50	38,50	46,8	49,21
Fuel Consumption Prime %110 Loaded	[L/h]	46,60	53,00	58,2	67,66
Fuel Tank Capacity Open (Canopy)	[t]	256 [376]	256 [445]	475 [673]	475 [673]

### ALTERNATOR

Model		JCB 270M	JCB 270M1	JCB 270MX	JCB 270LX
Output Power	480 V-kVA	184,0	210,0	269,0	294,0
Overspeed	rpm	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		277 / 480 V	277 / 480 V	277 / 480 V	277 / 480 V
Voltage Regulation		±1	±1	±1	±1

### DIMENSIONS

Width, Open [Canopy]	[mm]	900 [1153]	900 [1140]	1100 [1179]	1100 [1179]
Length, Open [Canopy]	[mm]	2400 [2971]	2400 [3409]	3095 [3921]	3095 [3921]
Height, Open [Canopy]	[mm]	1549 [2027]	1840 [1955]	1782 [2498]	1782 [2498]
Weight, Open [Canopy]	[kg]	1450 [1810]	1554 [1940]	2159 [2600]	2163 [2600]

# DIESEL GENERATORS -- JCD SERIES

GROUP		JCD 415	JCD 440	JCD 510	JCD 560
Stand By Power	kVA ( kWe ) A	415,0 [332,0] 599,7	440,0 [352,0] 635,8	510,0 [408,0] 737,0	560,0 [448,0] 809,2
Prime Power	kVA ( kWe ) A	377,3 [301,8] 545,2	400,0 [320,0] 578,0	436,6 [370,9] 670,0	509,1 [407,3] 735,7
Continuous Power	kVA ( kWe ) A	349,0 [279,2] 504,3	360,7 [288,6] 521,3	431,2 [345,0] 623,2	466,5 [373,2] 674,1
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	60	60	60	60
ENGINE					
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		TCD12.1G1	TCD12.1G2	TCD13.0G1	TCD13.0G2
Speed	(RPM)	1800	1800	1800	1800
Gross Output LTP or Standby Power	(kW)	365,0	385,0	445,0	485,0
Gross Output PRP or Prime Power	(kW)	335,0	320,0	410,0	445,0
Number of Cylinder		6	6	6	6
Configuration		Vertical In Line	Vertical In Line	Vertical In Line	Vertical In Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	12,10	12,10	12,94	12,94
Bore and Stroke	[mm]	131 x 150	131 x 150	131 x 160	131 x 160
Compression Ratio		17:1	17:1	19:1	19:1
Electric System	[V]	24	24	24	24
Fuel Consumption Prime %50 Loaded	[L/h]	21,14	23,74	27,04	28,94
Fuel Consumption Prime %75 Loaded	[L/h]	39,08	42,21	47,13	51,57
Fuel Consumption Prime %100 Loaded	[L/h]	57,23	61,13	67,82	75,71
Fuel Consumption Prime %110 Loaded	[L/h]	75,87	81,83	90,82	105,01
Fuel Tank Capacity Open (Canopy)	[t]	475 [673]	475 [673]	673 [400]	673 [400]
ALTERNATOR					
Model		JCB 270LXA	JCB 315S	JCB 315M	JCB 315MX
Output Power	480 V-kVA	358,0	421,0	421,0	476,0
Overspeed	rpm	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		277 / 480 V	277 / 480 V	277 / 480 V	277 / 480 V
Voltage Regulation		±1	±1	±1	±1
DIMENSIONS					
Width, Open [Canopy]	[mm]	1100 [1179]	1100 [1179]	1200 [1646]	1200 [1646]
Length, Open [Canopy]	[mm]	3254 [3921]	3254 [3921]	3374 [4632]	3374 [4632]
Height, Open [Canopy]	[mm]	1782 [2498]	1782 [2498]	1953 [2641]	1953 [2641]
Weight, Open [Canopy]	[kg]	2353 [2790]	2379 [2970]	2878 [3740]	2878 [3790]

GROUP		JCD 30M	JCD 40M	JCD 52M	JCD 66M
Stand By Power	kVA ( kWe ) A	30,0 [24,0] 130,0	39,6 [31,7] 172,2	52,8 [42,2] 229,6	66,0 [52,8] 287,0
Prime Power	kVA ( kWe ) A	27,0 [21,6] 117,0	36,0 [28,8] 156,5	48,0 [38,4] 208,7	60,0 [48,0] 260,9
Continuous Power	kVA ( kWe ) A	23,0 [18,4] 100,0	28,8 [23,0] 125,2	38,4 [30,7] 167,0	48,0 [38,4] 208,7
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	60	60	60	60

### ENGINE

Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BFM3 G1	BFM3 G2	BFM3T	BFM3C
Speed	(RPM)	1800	1800	1800	1800
Gross Output LTP or Standby Power	(kW)	22	32	44	50
Gross Output PRP or Prime Power	(kW)	20	29	40	45
Number of Cylinder		4	4	4	4
Configuration		In-line	In-line	In-line	In-line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Natural	Natural	Turbo	CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	3,168	3,168	3,168	3,168
Bore and Stroke	[mm]	98 x 105	98 x 105	98 x 105	98 x 105
Compression Ratio		18,5:1	18,5:1	18,5:1	18,5:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime %50 Loaded	[L/h]	2,72	3,84	5,44	7,23
Fuel Consumption Prime %75 Loaded	[L/h]	3,98	5,77	7,88	10,47
Fuel Consumption Prime %100 Loaded	[L/h]	5,30	7,62	10,14	13,45
Fuel Consumption Prime %110 Loaded	[L/h]	5,83	8,41	11,15	14,79
Fuel Tank Capacity Open (Canopy)	[t]	58 [40]	58 [40]	673 [400]	134 [100]

### ALTERNATOR

Model		JCB 180M2	JCB 180LX	JCB 225S2	JCB 225M1
Output Power	480 V-kVA	31,0	55,2	78,0	92,4
Overspeed	rpm	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		115/230 V	115/230 V	115/230 V	115/230 V
Voltage Regulation		±1	±1	±1	±1

### DIMENSIONS

Width, Open [Canopy]	[mm]	597 [942]	619 [942]	622 [1002]	700 [1002]
Length, Open [Canopy]	[mm]	1400 [1916]	1400 [1916]	1600 [2269]	1700 [2269]
Height, Open [Canopy]	[mm]	1309 [1444]	1329 [1444]	1329 [1597]	1562 [1597]
Weight, Open [Canopy]	[kg]	553 [690]	585 [740]	685 [850]	857 [990]



# OUR CERTIFICATES



**GCR CERT**

**CERTIFICATE**

**HEALTHY & SAFE  
WORKPLACE CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN

In recognition of the organization's Management System which complies with the requirements for COVID-19 measures, within the physical conditions of the business with in the scope of the Healthy and Safe Workplace Certificate program.


**FACTORIES - PRODUCTION LOCATIONS:  
ELECTRICAL AND ELECTRONICS INDUSTRY**

Certificate Number : GCRCERT-11.2023.3650  
Certificate Issue Date : 07.11.2023  
Certificate Validity : 06.11.2025




Abimanyu Gaurav  
Approval





**GCR CERT**

**CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN


In recognition of the organization's Management System which complies with

**ISO 22716:2013:GMP  
GOOD MANUFACTURING PRACTICES**



The scope of activities covered by this certificate is defined below

**PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS.**

Certificate Number : GCRCERT-11.2023.3585  
Certificate Issue Date : 01.11.2023  
Certificate Validity : 31.10.2025



Abimanyu Gaurav  
Approval


**GCR CERT**

**CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN

In recognition of the organization's Management System which complies with

**GHP**

The scope of activities covered by this certificate is defined below


**PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS.**

Certificate Number : GCRCERT-11.2023.3587  
Certificate Issue Date : 01.11.2023  
Certificate Validity : 31.10.2025



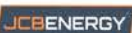
Abimanyu Gaurav  
Approval





**GCR CERT**

**CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN

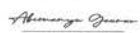
In recognition of the organization's Management System which complies with

**GDP**



The scope of activities covered by this certificate is defined below

**PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS.**

Certificate Number : GCRCERT-11.2023.3596  
Certificate Issue Date : 01.11.2023  
Certificate Validity : 31.10.2025




Abimanyu Gaurav  
Approval


**GCR CERT**

**CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN

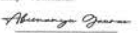
In recognition of the organization's Management System which complies with

**ISO 10002:2018**


The scope of activities covered by this certificate is defined below


**PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS.**

Certificate Number : GCRCERT-10.2023.3525  
Certificate Issue Date : 25.10.2023  
Certificate Validity : 24.10.2025



Abimanyu Gaurav  
Approval





**JCB Energy Electric Power  
Industry S.L.**


HAS OUR TOTAL SUPPORT

We are pleased to certify that this company, with its registered office (address as below), is fully authorised as an Original Equipment Manufacturer partner to incorporate Mecc Alte AC Generators when selling and distributing generating sets.

Mecc Alte also certifies that its products sold to this company are fully covered by the Mecc Alte Warranty.

Mecc Alte provides this company access to its extensive product knowledge in order to incorporate Mecc Alte AC Generators when selling and distributing generating sets.

World class alternators 1 - C000VIX.




**APPROVED  
MANUFACTURER**

**Radex Mivico**

CERTIFICATE NO.  
MA000163

VALID UNTIL  
31 December 2026


COMPANY ADDRESS  
Calle de Trespaderne, 7, P.I. 28042,  
Madrid, Spain



**POWER FROM WITHIN**

## CERTIFICATE OF REGISTRATION

This is to certify that the Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7 PLANTA 3, PUERTA C 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO/IEC 27001:2022

(Information Security Management System)

**SCOPE OF CERTIFICATION**




PROTECTION OF INFORMATION ASSETS OF RECORDS IN PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS  
SoA Details: JCB/12.12.2023

Certificate Number : **QCAS-JEE-24-051581691**

Initial Certification Date : 26 Nov 2024      Date of Expiry : 25 Nov 2027  
1st Surveillance Date : 26 Oct 2025      2nd Surveillance Date : 26 Oct 2026

Verify the Certificate: <https://qaafs.us/site/search/>

Issued by QCAS Certifications Inc.  
Managing Director

QCAS (Quality Certification Authority) is a 501(c)(3) non-profit organization. The certification authority (QCAS) will be awarded ISO/IEC 27001:2022 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits. The certification authority (QCAS) will be awarded ISO/IEC 27001:2022 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits. The certification authority (QCAS) will be awarded ISO/IEC 27001:2022 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits.

## CERTIFICATE OF REGISTRATION

This is to certify that the Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7 PLANTA 3, PUERTA C 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO 50001:2018

(Energy Management System)

**SCOPE OF CERTIFICATION**

PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS

Certificate Number : **QCAS-JCB-23-05158814**

1<sup>st</sup> Surveillance Completed : 26 Nov 2024

Initial Certification Date : 25 Oct 2023      Date of Expiry : 24 Oct 2026  
1st Surveillance Date : 25 Sep 2024      2nd Surveillance Date : 25 Sep 2025

Verify the Certificate: <https://qaafs.us/site/search/>

Issued by QCAS Certifications Inc.  
Managing Director






QCAS (Quality Certification Authority) is a 501(c)(3) non-profit organization. The certification authority (QCAS) will be awarded ISO 50001:2018 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits. The certification authority (QCAS) will be awarded ISO 50001:2018 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits. The certification authority (QCAS) will be awarded ISO 50001:2018 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits.

## Certificate of Surveillance

This is to certify that the Environmental Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7, PLANTA 3, PUERTA C, 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO 14001:2015

(Environmental Management System)

**SCOPE**

PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS




(IAF Code: 18,19)

Certificate Number : 251022032423  
1<sup>st</sup> Surveillance Completed: 26-Nov-2024

Initial Registration Date : 25-Oct-2023  
1<sup>st</sup> Surveillance Date : 25-Sep-2024  
2<sup>nd</sup> Surveillance Date : 25-Sep-2025  
Certificate Expiry Date : 24-Oct-2026

To verify certificate, visit at :  
[www.arscert.com](http://www.arscert.com)  
<https://uaafaccreditation.org>  
<https://www.iafcertsearch.org/>

Issued by ARS Assessment Private Limited  
Managing Director

UAF Address : 400, North Center Dr, STE 202, Norfolk, VA 23502, United States of America  
The certification authority (UAF) will be awarded ISO 14001:2015 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits. The certification authority (UAF) will be awarded ISO 14001:2015 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits. The certification authority (UAF) will be awarded ISO 14001:2015 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits.

## Certificate of Surveillance

This is to certify that the Occupational Health and Safety Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7, PLANTA 3, PUERTA C, 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO 45001:2018

(Occupational Health and Safety Management System)

**SCOPE**

PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS

(IAF Code: 18,19)

Certificate Number : 251022032424  
1<sup>st</sup> Surveillance Completed: 26-Nov-2024

Initial Registration Date : 25-Oct-2023  
1<sup>st</sup> Surveillance Date : 25-Sep-2024  
2<sup>nd</sup> Surveillance Date : 25-Sep-2025  
Certificate Expiry Date : 24-Oct-2026

To verify certificate, visit at :  
[www.arscert.com](http://www.arscert.com)  
<https://uaafaccreditation.org>  
<https://www.iafcertsearch.org/>

Issued by ARS Assessment Private Limited  
Managing Director





UAF Address : 400, North Center Dr, STE 202, Norfolk, VA 23502, United States of America  
The certification authority (UAF) will be awarded ISO 45001:2018 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits. The certification authority (UAF) will be awarded ISO 45001:2018 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits. The certification authority (UAF) will be awarded ISO 45001:2018 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits.

## Certificate of Surveillance

This is to certify that the Quality Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7, PLANTA 3, PUERTA C, 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO 9001:2015

(Quality Management System)

**SCOPE**

PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS

(IAF Code: 18,19)

Certificate Number : 251022032422  
1<sup>st</sup> Surveillance Completed: 26-Nov-2024

Initial Registration Date : 25-Oct-2023  
1<sup>st</sup> Surveillance Date : 25-Sep-2024  
2<sup>nd</sup> Surveillance Date : 25-Sep-2025  
Certificate Expiry Date : 24-Oct-2026

To verify certificate, visit at :  
[www.arscert.com](http://www.arscert.com)  
<https://uaafaccreditation.org>  
<https://www.iafcertsearch.org/>

Issued by ARS Assessment Private Limited  
Managing Director





UAF Address : 400, North Center Dr, STE 202, Norfolk, VA 23502, United States of America  
The certification authority (UAF) will be awarded ISO 9001:2015 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits. The certification authority (UAF) will be awarded ISO 9001:2015 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits. The certification authority (UAF) will be awarded ISO 9001:2015 on Condition of Supervision of the certificate validity of the certificate is subject to successful completion of surveillance audits.





[www.jcbenergy.es](http://www.jcbenergy.es)