



JCB ENERGY ELECTRIC POWER INDUSTRY

MADRID / SPAIN



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GENERADORES DIÉSEL -- SERIE JDD

50 Hz

GRUPO		JDD 70	JDD 94	JDD 190	JDD 230
Potencia en Espera	kVA (kWe) A	70,0 [56,0] 101,2	94,0 [75,2] 135,8	190,0 [152,0] 274,6	230,0 [184,0] 332,4
Potencia Principal	kVA (kWe) A	63,6 [50,9] 92,0	85,5 [68,4] 123,5	172,7 [138,2] 249,6	209,1 [167,3] 302,2
Potencia Continua	kVA (kWe) A	44,5 [35,6] 64,4	59,8 [47,9] 86,4	120,9 [96,7] 174,7	146,4 [117,1] 211,5
Factor de Potencia	CosQ	0,8	0,8	0,8	0,8
Frecuencia	Hz	50	50	50	50
MOTOR					
Marca		DOOSAN	DOOSAN	DOOSAN	DOOSAN
Modelo		SP344CB	SP344CC	P086TI-1	P086TI
Velocidad	(RPM)	1500	1500	1500	1500
Potencia Bruta del Motor (en Espera)	(kWm)	61	81	164	199
Potencia Bruta del Motor (Principal)	(kWm)	56	73	149	177
Potencia Típica del Generador (en Espera)	(kVA)	70	93	191	231
Potencia Típica del Generador (Principal)	(kVA)	64	84	173	206
Tipo de Motor		4-Stroke, in-line 4 cylinder, water cooled, common rail direct injection		4-Cycle, in-line 6-Cylinder Diesel, water cooled, Turbo Charged & Intercooled	
Diámetro x Carrera	(mm)	98 x 113	98 x 113	111 x 139	111 x 139
Desplazamiento	(liters)	3.4	3.4	8.071	8.071
Relación de Compresión		16.8:1	16.8:1	16.4:1	16.4:1
Rotación		Clockwise viewed from the front	Clockwise viewed from the front	Counter clockwise viewed from Flywheel	Counter clockwise viewed from Flywheel
Orden de Encendido		1-3-4-2	1-3-4-2	1-5-3-6-2-4	1-5-3-6-2-4
Sistema de Combustible		High Pressure	High Pressure	Doowon in-line "P" type	Doowon in-line "P" type
Gobernador		Common Rail	Common Rail	Electronic	Electronic
Clase de Gobernador		G3	G3	G3	G3
Consumo de Combustible en Carga Primaria - Cargado al 110%		14,4	19,2	38,8	47,1
Consumo de Combustible en Carga Primaria - Cargado al 100%		12,9	16,8	34,4	40,8
Consumo de Combustible en Carga Primaria - Cargado al 75%		9,8	12,8	26,1	30,9
Consumo de Combustible en Carga Primaria - Cargado al 50%		7,0	9,2	18,7	22,2
Especificaciones del Alternador					
Potencia de Salida	kVa	65,0	91,0	182,0	214,0
Potencia de Salida	kW	52,0	72,8	145,6	171,2
Clase de Aislamiento		H	H	H	H
Modelo RAV		225S2	225M2	270M	270M1
Flujo de Aire	(m³/sec)	0.216	0.216	0.514	0.514
Regulación de Voltaje		±1	±1	±1	±1
DIMENSIONES					
Ancho, Abierto [Capota]	[mm]	700 [1000]	700 [1000]	900 [1140]	900 [1140]
Longitud, Abierto [Capota]	[mm]	1700 [2700]	1900 [3000]	2400 [3650]	2400 [3650]
Altura, Abierto [Capota]	[mm]	1562 [1190]	1562 [1380]	1549 [1900]	1549 [1900]
Peso, Abierto [Capota]	[kg]	877 [1010]	1024 [1200]	1328 [1690]	1450 [1810]
Capacidad del Tanque de Combustible	L	134[100]	161 [223]	256[678]	256[678]

GRUPO		JDD 255	JDD 300	JDD 345	JDD 410
Potencia en Espera	kVA (kWe) A	255,0 [204,0] 368,5	300,0 [240,0] 433,5	345,0 [276,0] 498,6	410,0 [328,0] 592,5
Potencia Principal	kVA (kWe) A	231,8 [185,5] 335,0	272,7 [218,2] 394,1	313,6 [250,9] 453,2	372,7 [298,2] 538,6
Potencia Continua	kVA (kWe) A	162,3 [129,8] 234,5	190,9 [152,7] 275,9	219,5 [175,6] 317,3	260,9 [208,7] 377,0
Factor de Potencia	CosQ	0,8	0,8	0,8	0,8
Frecuencia	Hz	50	50	50	50

MOTOR					
Marca		DOOSAN	DOOSAN	DOOSAN	DOOSAN
Modelo		DP086LA	PI26TI	P126TI-II	DP126LB
Velocidad	(RPM)	1500	1500	1500	1500
Potencia Bruta del Motor (en Espera)	(kWm)	224	272	294	362
Potencia Bruta del Motor (Principal)	(kWm)	201	241	265	327
Potencia Típica del Generador (en Espera)	(kVA)	260	316	342	425
Potencia Típica del Generador (Principal)	(kVA)	234	280	308	384
Tipo de Motor		4-Cycle, in-line 6-Cylinder Diesel, water cooled, Turbo Charged & Intercooled			
Diámetro x Carrera	(mm)	111 x 139	123 x 155	123 x 155	123 x 155
Desplazamiento	(liters)	8.071	11.051	11.051	11.051
Relación de Compresión		16.7:1	17.1:1	17.1:1	17.2:1
Rotación		Counter clockwise viewed from Flywheel	Counter clockwise viewed from Flywheel	Counter clockwise viewed from Flywheel	Counter clockwise viewed from Flywheel
Orden de Encendido		1-5-3-6-2-4	1-5-3-6-2-4	1-5-3-6-2-4	1-5-3-6-2-4
Sistema de Combustible		Wuxi-Weifu in-line pump	Zexel in-line "P" type	Zexel in-line "P" type	Wuxi-Weifu in-line "P" type
Gobernador		Electronic	Electronic	Electronic	Electronic
Clase de Gobernador		G3	G3	G3	G3
Consumo de Combustible en Carga Primaria - Cargado al 110%		53,0	64,4	69,6	85,7
Consumo de Combustible en Carga Primaria - Cargado al 100%		46,4	55,6	61,2	75,5
Consumo de Combustible en Carga Primaria - Cargado al 75%		35,1	42,1	46,3	57,2
Consumo de Combustible en Carga Primaria - Cargado al 50%		25,2	30,2	33,2	41,0

Especificaciones del Alternador					
Potencia de Salida	kVa	232,0	273,0	318,0	373
Potencia de Salida	kW	185,6	218,4	254,4	298,4
Clase de Aislamiento		H	H	H	H
Modelo RAV		270MX	270LX	270LXA	315S
Flujo de Aire	(m³/sec)	0,514	0,514	0,514	0,8
Regulación de Voltaje		±1	±1	±1	±1

DIMENSIONES					
Ancho, Abierto [Capota]	[mm]	900 [1140]	1100 [1140]	1100 [1140]	1100 [1140]
Longitud, Abierto [Capota]	[mm]	2400 [3650]	3095 [4100]	3095 [4100]	3254 [4100]
Altura, Abierto [Capota]	[mm]	1549 [1900]	1782 [1900]	1782 [1900]	1782 [1900]
Peso, Abierto [Capota]	[kg]	1450 [1810]	2159 [2600]	2163 [2600]	2353 [2790]
Capacidad del Tanque de Combustible	L	256[678]	475[678]	475[678]	475[678]

GRUPO		JDD 490	JDD 515	JDD 600
Potencia en Espera	kVA (kWe) A	490,0 [392,0] 708,1	515,0 [412,0] 744,2	600,0 [480,0] 867,1
Potencia Principal	kVA (kWe) A	445,5 [356,4] 643,7	468,2 [374,5] 676,6	545,5 [436,4] 788,2
Potencia Continua	kVA (kWe) A	311,8 [249,5] 450,6	327,7 [262,2] 473,6	381,8 [305,5] 551,8
Factor de Potencia	CosQ	0,8	0,8	0,8
Frecuencia	Hz	50	50	50
MOTOR				
Marca		DOOSAN	DOOSAN	DOOSAN
Modelo		P158LE	DPI58LC	DP158LD
Velocidad	(RPM)	1500	1500	1500
Potencia Bruta del Motor (en Espera)	(kWm)	414	449	510
Potencia Bruta del Motor (Principal)	(kWm)	363	408	464
Potencia Típica del Generador (en Espera)	(kVA)	486	528	599
Potencia Típica del Generador (Principal)	(kVA)	427	479	545
Tipo de Motor		4-Cycle, V-Type, 8-Cylinder Diesel, water cooled, Turbo Charged & Intercooled		
Diámetro x Carrera	(mm)	128 x 142	128 x 142	128 x 142
Desplazamiento	(liters)	14.618	14.618	14.618
Relación de Compresión		15:1	15:1	15:1
Rotación		Counter clockwise viewed from Flywheel		
Orden de Encendido		1-5-7-2-6-3-4-8	1-5-7-2-6-3-4-8	1-5-7-2-6-3-4-8
Sistema de Combustible		Bosch in-line "P" type	Bosch in-line "P" type	Bosch in-line "P" type
Gobernador		Electronic	Electronic	Electronic
Clase de Gobernador		G3	G3	G3
Consumo de Combustible en Carga Primaria - Cargado al 110%		98,0	106,3	120,7
Consumo de Combustible en Carga Primaria - Cargado al 100%		83,8	94,2	107,1
Consumo de Combustible en Carga Primaria - Cargado al 75%		63,5	71,3	81,1
Consumo de Combustible en Carga Primaria - Cargado al 50%		45,5	51,2	58,2
Especificaciones del Alternador				
Potencia de Salida	kVa	468,0	468,0	555,0
Potencia de Salida	kW	374,4	374,4	444,0
Clase de Aislamiento		H	H	H
Modelo RAV		315MXA	315MXA	355S
Flujo de Aire	(m ³ /sec)	0,8	0,8	0,8
Regulación de Voltaje		±1	±1	±1
DIMENSIONES				
Ancho, Abierto [Capota]	[mm]	1400 [1646]	1400 [1646]	1400 [1646]
Longitud, Abierto [Capota]	[mm]	3311 [4632]	3311 [4632]	3311 [4632]
Altura, Abierto [Capota]	[mm]	1980 [2641]	1980 [2641]	1980 [2641]
Peso, Abierto [Capota]	[kg]	3386 [4240]	3386 [4240]	3386 [4240]
Capacidad del Tanque de Combustible	L	1066 [400]	1066 [400]	1066 [400]

GRUPO		JDD 650	JDD 720	JDD 770
Potencia en Espera	kVA (kWe) A	650,0 [520,0] 939,3	720,0 [576,0] 1.040,5	770,0 [616,0] 1.112,7
Potencia Principal	kVA (kWe) A	590,9 [472,7] 853,9	654,5 [523,6] 945,9	700,0 [560,0] 1.011,6
Potencia Continua	kVA (kWe) A	413,6 [330,9] 597,7	458,2 [366,5] 662,1	490,0 [392,0] 708,1
Factor de Potencia	CosQ	0,8	0,8	0,8
Frecuencia	Hz	50	50	50
MOTOR				
Marca		DOOSAN	DOOSAN	DOOSAN
Modelo		DP180LA	DP180LB	DP222LB
Velocidad	(RPM)	1500	1500	1500
Potencia Bruta del Motor (en Espera)	(kWm)	552	612	664
Potencia Bruta del Motor (Principal)	(kWm)	502	556	604
Potencia Típica del Generador (en Espera)	(kVA)	649	719	780
Potencia Típica del Generador (Principal)	(kVA)	590	653	710
Tipo de Motor		4-Cycle, V-Type, 10-Cylinder Diesel, water cooled, Turbo Charged & Intercooled		
Diámetro x Carrera	(mm)	128 x 142 mm	128 x 142	128 x 142
Desplazamiento	(liters)	18.273 liters	18.273	21.927
Relación de Compresión		15:1	15:1	15:1
Rotación		Counter clockwise viewed from Flywheel		
Orden de Encendido		1-6-5-10-2-7-3-8-4-9	1-6-5-10-2-7-3-8-4-9	1-12-5-8-3-10-6-7-2-11-4-9
Sistema de Combustible		Bosch in-line "P" type	Bosch in-line "P" type	Bosch in-line "P" type
Gobernador		Electronic	Electronic	Electronic
Clase de Gobernador		G3	G3	G3
Consumo de Combustible en Carga Primaria - Cargado al 110%		130,7	144,9	157,2
Consumo de Combustible en Carga Primaria - Cargado al 100%		115,8	128,3	139,4
Consumo de Combustible en Carga Primaria - Cargado al 75%		87,8	97,2	105,6
Consumo de Combustible en Carga Primaria - Cargado al 50%		63,0	69,7	75,8
Especificaciones del Alternador				
Potencia de Salida	kVa	600,0	659,0	700,0
Potencia de Salida	kW	480,0	527,2	560,0
Clase de Aislamiento		H	H	H
Modelo RAV		355M	355M1	355MX
Flujo de Aire	(m³/sec)	1,035	1.035	1.035
Regulación de Voltaje		±1	±1	±1
DIMENSIONES				
Ancho, Abierto [Capota]	[mm]	1400 [1646]	1400 [1646]	1400 [1646]
Longitud, Abierto [Capota]	[mm]	3311 [4632]	3311 [4632]	3311 [4632]
Altura, Abierto [Capota]	[mm]	1980 [2641]	1980 [2641]	1980 [2641]
Peso, Abierto [Capota]	[kg]	3386 [4240]	3386 [4240]	3476 [4320]
Capacidad del Tanque de Combustible	L	1066 [400]	1066[400]	1066[400]

GRUPO		JDD 850	JDD 930	JDD 1025
Potencia en Espera	kVA (kWe) A	850,0 [680,0] 1.228,3	930,0 [744,0] 1.343,9	1.025,0 [820,0] 1.481,2
Potencia Principal	kVA (kWe) A	772,7 [618,2] 1.116,7	845,5 [676,4] 1.221,8	931,8 [745,5] 1.346,6
Potencia Continua	kVA (kWe) A	540,9 [432,7] 781,7	591,8 [473,5] 855,2	652,3 [521,8] 942,6
Factor de Potencia	CosQ	0,8	0,8	0,8
Frecuencia	Hz	50	50	50
MOTOR				
Marca		DOOSAN	DOOSAN	DOOSAN
Modelo		DP222LC	DP222CB	DP222CC
Velocidad	(RPM)	1500	1500	1500
Potencia Bruta del Motor (en Espera)	(kWm)	723	790	875
Potencia Bruta del Motor (Principal)	(kWm)	657	705	790
Potencia Típica del Generador (en Espera)	(kVA)	850	928	1028
Potencia Típica del Generador (Principal)	(kVA)	772	828	928
Tipo de Motor		4-Cycle, V-Type, 12-Cylinder Diesel, water cooled, Turbo Charged & Intercooled		
Diámetro x Carrera	(mm)	128 x 142	128 x 142	128 x 142
Desplazamiento	(liters)	21.927	21.927	21.927
Relación de Compresión		15:1	14.6:1	14.6:1
Rotación		Counter clockwise viewed from Flywheel		
Orden de Encendido		1-12-5-8-3-10-6-7-2-11-4-9	1-6-5-10-2-7-3-8-4-9	1-12-5-8-3-10-6-7-2-11-4-9
Sistema de Combustible		Bosch in-line "P" type	Bosch Common Rail	Bosch Common Rail
Gobernador		Electronic	ECU	ECU
Clase de Gobernador		G3	G3	G3
Consumo de Combustible en Carga Primaria - Cargado al 110%		171,1	187,0	207,1
Consumo de Combustible en Carga Primaria - Cargado al 100%		151,6	162,7	182,3
Consumo de Combustible en Carga Primaria - Cargado al 75%		114,9	123,3	138,1
Consumo de Combustible en Carga Primaria - Cargado al 50%		82,4	88,4	99,1
Especificaciones del Alternador				
Potencia de Salida	kVa	773,0	773,0	909,0
Potencia de Salida	kW	618,4	618,4	727,2
Clase de Aislamiento		H	H	H
Modelo RAV		355L	355LX	400S
Flujo de Aire	(m³/sec)	1.035	1.035	1.614
Regulación de Voltaje		±1	±1	±1
DIMENSIONES				
Ancho, Abierto [Capota]	[mm]	1400 [1942]	1400 [1942]	1400 [1942]
Longitud, Abierto [Capota]	[mm]	4000 [5166]	4000 [5166]	4000 [5166]
Altura, Abierto [Capota]	[mm]	2188 [2920]	2188 [2920]	2188 [2920]
Peso, Abierto [Capota]	[kg]	4250 [5540]	4250 [5540]	4580 [5870]
Capacidad del Tanque de Combustible	L	1193[530]	1193[530]	1193[530]

GRUPO		JDD 85	JDD 106	JDD 220	JDD 258
Potencia en Espera	kVA (kWe) A	85,0 [68,0] 122,8	106,0 [84,8] 153,2	220,0 [176,0] 317,9	258,0 [206,4] 372,8
Potencia Principal	kVA (kWe) A	77,3 [61,8] 111,7	96,4 [77,1] 139,3	200,0 [160,0] 289,0	234,5 [187,6] 338,9
Potencia Continua	kVA (kWe) A	54,1 [43,3] 78,2	67,5 [54,0] 97,5	140,0 [112,0] 202,3	164,2 [131,3] 237,3
Factor de Potencia	CosQ	0,8	0,8	0,8	0,8
Frecuencia	Hz	60	60	60	60

MOTOR

Marca		DOOSAN	DOOSAN	DOOSAN	DOOSAN
Modelo		SP344CB	SP344CC	P086TI-1	P086TI
Velocidad	(RPM)	1800	1800	1800	1800
Potencia Bruta del Motor (en Espera)	(kWm)	74	92	191	223
Potencia Bruta del Motor (Principal)	(kWm)	67	83	174	205
Potencia Típica del Generador (en Espera)	(kVA)	85	106	222	259
Potencia Típica del Generador (Principal)	(kVA)	77	95	202	238
Tipo de Motor		4-Stroke, in-line 4-cylinder, water cooled, common rail direct injection		4-Cycle, in-line 6-Cylinder Diesel, water cooled, Turbo Charged & Intercooled	
Diámetro x Carrera	(mm)	98 x 113	98 x 113	111 x 139	111 x 139
Desplazamiento	(liters)	3.4	3.4	8.071	8.071
Relación de Compresión		16.8:1	16.8:1	16.4:1	16.4:1
Rotación		Clockwise viewed from the front	Clockwise viewed from the front	Counter clockwise viewed from Flywheel	Counter clockwise viewed from Flywheel
Orden de Encendido		1-3-4-2	1-3-4-2	1-5-3-6-2-4	1-5-3-6-2-4
Sistema de Combustible		High Pressure	High Pressure	Doowon in-line "P" type	Doowon in-line "P" type
Gobernador		Common Rail	Common Rail	Electronic	Electronic
Clase de Gobernador		G3	G3	G3	G3
Consumo de Combustible en Carga Primaria - Cargado al 110%		17,5	21,8	45,2	52,8
Consumo de Combustible en Carga Primaria - Cargado al 100%		15,5	19,2	40,2	47,3
Consumo de Combustible en Carga Primaria - Cargado al 75%		11,7	14,5	30,4	35,8
Consumo de Combustible en Carga Primaria - Cargado al 50%		8,4	10,4	21,8	25,7

Especificaciones del Alternador

Potencia de Salida	kVa	77,0	103,0	184,0	249,0
Potencia de Salida	kW	61,6	82,0	147,0	199,2
Clase de Aislamiento		H	H	H	H
Modelo RAV		225S2	225M2	270S2	270M1
Flujo de Aire	(m³/sec)	0.216	0.216	0.514	0.514
Regulación de Voltaje		±1	±1	±1	±1

DIMENSIONES

Ancho, Abierto [Capota]	[mm]	700 [1000]	700 [1000]	900 [1140]	900 [1140]
Longitud, Abierto [Capota]	[mm]	1700 [2700]	1900 [3000]	2400 [3650]	2400 [3650]
Altura, Abierto [Capota]	[mm]	1562 [1190]	1562 [1380]	1549 [1900]	1549 [1900]
Peso, Abierto [Capota]	[kg]	877 [1010]	1024 [1200]	1328 [1690]	1450 [1810]
capacidad del tanque de combustible	L	134[100]	161 [223]	256[678]	256[678]


GRUPO		JDD 295	JDD 346	JDD 400	JDD 475
Potencia en Espera	kVA (kWe) A	295,0 [236,0] 426,3	346,0 [276,8] 500,0	400,0 [320,0] 578,0	475,0 [380,0] 686,4
Potencia Principal	kVA (kWe) A	268,2 [214,5] 387,5	314,5 [251,6] 454,5	363,6 [290,9] 525,5	431,8 [345,5] 624,0
Potencia Continua	kVA (kWe) A	187,7 [150,2] 271,3	220,2 [176,1] 318,2	254,5 [203,6] 367,8	302,3 [241,8] 436,8
Factor de Potencia	CosQ	0,8	0,8	0,8	0,8
Frecuencia	Hz	60	60	60	60
MOTOR					
Marca		DOOSAN	DOOSAN	DOOSAN	DOOSAN
Modelo		DP086LA	PI26TI	P126TI-II	DP126LB
Velocidad	(RPM)	1800	1800	1800	1800
Potencia Bruta del Motor (en Espera)	(kWm)	253	298	342	402
Potencia Bruta del Motor (Principal)	(kWm)	228	278	307	366
Potencia Típica del Generador (en Espera)	(kVA)	294	346	398	472
Potencia Típica del Generador (Principal)	(kVA)	265	323	357	430
Tipo de Motor		4-Cycle, in-line 6-Cylinder Diesel, water cooled, Turbo Charged & Intercooled			
Diámetro x Carrera	(mm)	111 x 139	123 x 155	123 x 155	123 x 155
Desplazamiento	(liters)	8.071	11.051	11.051	11.051
Relación de Compresión		16.7:1	17.1:1	17.1:1	17.2:1
Rotación		Counter clockwise viewed from Flywheel	Counter clockwise viewed from Flywheel	Counter clockwise viewed from Flywheel	Counter clockwise viewed from Flywheel
Orden de Encendido		1-5-3-6-2-4	1-5-3-6-2-4	1-5-3-6-2-4	1-5-3-6-2-4
Sistema de Combustible		Wuxi-Weifu in-line pump	Zexel in-line "P" type	Zexel in-line "P" type	Wuxi-Weifu in-line "P" type
Gobernador		Electronic	Electronic	Electronic	Electronic
Clase de Gobernador		G3	G3	G3	G3
Consumo de Combustible en Carga Primaria - Cargado al 110%		59,9	70,5	80,9	95,1
Consumo de Combustible en Carga Primaria - Cargado al 100%		52,6	64,2	70,8	84,5
Consumo de Combustible en Carga Primaria - Cargado al 75%		39,9	48,6	53,7	64,0
Consumo de Combustible en Carga Primaria - Cargado al 50%		28,6	34,9	38,5	45,9
Especificaciones del Alternador					
Potencia de Salida	kVa	269,0	321,0	358,0	421,0
Potencia de Salida	kW	215,2	257,0	286,4	336,8
Clase de Aislamiento		H	H	H	H
Modelo RAV		270MX	270LX	270LXA	315S
Flujo de Aire	(m³/sec)	0,514	0,514	0,514	0,8
Regulación de Voltaje		±1	±1	±1	±1
DIMENSIONES					
Ancho, Abierto [Capota]	[mm]	900 [1140]	1100 [1140]	1100 [1140]	1100 [1140]
Longitud, Abierto [Capota]	[mm]	2400 [3650]	3095 [4100]	3095 [4100]	3254 [4100]
Altura, Abierto [Capota]	[mm]	1549 [1900]	1782 [1900]	1782 [1900]	1782 [1900]
Peso, Abierto [Capota]	[kg]	1450 [1810]	2159 [2600]	2163 [2600]	2353 [2790]
capacidad del tanque de combustible	L	256[678]	475[678]	475[678]	475[678]

GRUPO		JDD 540	JDD 603	JDD 655
Potencia en Espera	kVA (kWe) A	540,0 [432,0] 780,0	603,0 [482,4] 871,4	655,0 [524,0] 946,5
Potencia Principal	kVA (kWe) A	490,9 [392,7] 709,4	548,2 [438,5] 792,2	595,5 [476,4] 860,5
Potencia Continua	kVA (kWe) A	343,6 [274,9] 496,6	383,7 [307,0] 554,5	416,8 [333,5] 602,3
Factor de Potencia	CosQ	0,8	0,8	0,8
Frecuencia	Hz	60	60	60
MOTOR				
Marca		DOOSAN	DOOSAN	DOOSAN
Modelo		P158LE	DPI58LC	DP158LD
Velocidad	(RPM)	1800	1800	1800
Potencia Bruta del Motor (en Espera)	(kWm)	458	513	556
Potencia Bruta del Motor (Principal)	(kWm)	402	466	505
Potencia Típica del Generador (en Espera)	(kVA)	538	603	653
Potencia Típica del Generador (Principal)	(kVA)	472	548	593
Tipo de Motor		4-Cycle, V-Type, 8-Cylinder Diesel, water cooled, Turbo Charged & Intercooled		
Diámetro x Carrera	(mm)	128 x 142	128 x 142	128 x 142
Desplazamiento	(liters)	14.618	14.618	14.618
Relación de Compresión		15:1	15:1	15:1
Rotación		Counter clockwise viewed from Flywheel		
Orden de Encendido		1-5-7-2-6-3-4-8	1-5-7-2-6-3-4-8	1-5-7-2-6-3-4-8
Sistema de Combustible		Bosch in-line "P" type	Bosch in-line "P" type	Bosch in-line "P" type
Gobernador		Electronic	Electronic	Electronic
Clase de Gobernador		G3	G3	G3
Consumo de Combustible en Carga Primaria - Cargado al 110%		108,4	121,4	131,6
Consumo de Combustible en Carga Primaria - Cargado al 100%		92,8	107,5	116,5
Consumo de Combustible en Carga Primaria - Cargado al 75%		70,3	81,5	88,3
Consumo de Combustible en Carga Primaria - Cargado al 50%		50,4	58,5	63,3
Especificaciones del Alternador				
Potencia de Salida	kVa	476,0	528,0	580,0
Potencia de Salida	kW	380,8	422,4	464,0
Clase de Aislamiento		H	H	H
Modelo RAV		315M	315 MXA	350L
Flujo de Aire	(m ³ /sec)	0,8	0,8	0,8
Regulación de Voltaje		±1	±1	±1
DIMENSIONES				
Ancho, Abierto [Capota]	[mm]	1400 [1646]	1400 [1646]	1400 [1646]
Longitud, Abierto [Capota]	[mm]	3311 [4632]	3311 [4632]	3311 [4632]
Altura, Abierto [Capota]	[mm]	1980 [2641]	1980 [2641]	1980 [2641]
Peso, Abierto [Capota]	[kg]	3386 [4240]	3386 [4240]	3386 [4240]
Capacidad del Tanque de Combustible	L	1066 [400]	1066 [400]	1066 [400]

GRUPO		JDD 725	JDD 780	JDD 920
Potencia en Espera	kVA (kWe) A	725,0 [580,0] 1.047,7	780,0 [624,0] 1.127,2	920,0 [736,0] 1.329,5
Potencia Principal	kVA (kWe) A	659,1 [527,3] 952,4	709,1 [567,3] 1.024,7	836,4 [669,1] 1.208,6
Potencia Continua	kVA (kWe) A	431,4 [369,1] 666,7	496,4 [397,1] 717,3	585,5 [468,4] 846,0
Factor de Potencia	CosQ	0,8	0,8	0,8
Frecuencia	Hz	60	60	60
MOTOR				
Marca		DOOSAN	DOOSAN	DOOSAN
Modelo		DP180LA	DPI80LB	DP222LB
Velocidad	(RPM)	1800	1800	1800
Potencia Bruta del Motor (en Espera)	(kWm)	615	661	782
Potencia Bruta del Motor (Principal)	(kWm)	559	601	711
Potencia Típica del Generador (en Espera)	(kVA)	723	777	919
Potencia Típica del Generador (Principal)	(kVA)	657	706	835
Tipo de Motor		4-Cycle, V-Type, 10-Cylinder Diesel, water cooled, Turbo Charged & Intercooled		
Diámetro x Carrera	(mm)	128 x 142 mm	128 x 142	128 x 142
Desplazamiento	(liters)	18.273 liters	18.273	21.927
Relación de Compresión		15:1	15:1	15:1
Rotación		Counter clockwise viewed from Flywheel		
Orden de Encendido		1-6-5-10-2-7-3-8-4-9	1-6-5-10-2-7-3-8-4-9	1-12-5-8-3-10-6-7-2-11-4-9
Sistema de Combustible		Bosch in-line "P" type	Bosch in-line "P" type	Bosch in-line "P" type
Gobernador		Electronic	Electronic	Electronic
Clase de Gobernador		G3	G3	G3
Consumo de Combustible en Carga Primaria - Cargado al 110%		145,6	156,4	185,1
Consumo de Combustible en Carga Primaria - Cargado al 100%		129,0	138,7	164,1
Consumo de Combustible en Carga Primaria - Cargado al 75%		97,7	105,1	124,3
Consumo de Combustible en Carga Primaria - Cargado al 50%		70,1	15,4	89,2
Especificaciones del Alternador				
Potencia de Salida	kVa	661,0	720,6	789,0
Potencia de Salida	kW	528,8	576,1	631,2
Clase de Aislamiento		H	H	H
Modelo RAV		355S1	355M	355MX
Flujo de Aire	(m³/sec)	1,035	1.035	1.035
Regulación de Voltaje		±1	±1	±1
DIMENSIONES				
Ancho, Abierto [Capota]	[mm]	1400 [1646]	1400 [1646]	1400 [1646]
Longitud, Abierto [Capota]	[mm]	3311 [4632]	3311 [4632]	3311 [4632]
Altura, Abierto [Capota]	[mm]	1980 [2641]	1980 [2641]	1980 [2641]
Peso, Abierto [Capota]	[kg]	3386 [4240]	3386 [4240]	3476 [4320]
Capacidad del Tanque de Combustible	L	1066 [400]	1066[400]	1066[400]

GRUPO		JDD 975	JDD 1060	JDD 1170
Potencia en Espera	kVA (kWe) A	975,0 [780,0] 1.409,0	1.060,0 [848,0] 1.531,8	1.170,0 [936,0] 1.690,8
Potencia Principal	kVA (kWe) A	886,4 [709,1] 1.280,9	963,6 [770,9] 1.392,5	1.063,6 [850,9] 1.537,0
Potencia Continua	kVA (kWe) A	620,5 [496,4] 896,6	674,5 [539,6] 974,8	744,5 [595,6] 1.075,9
Factor de Potencia	CosQ	0,8	0,8	0,8
Frecuencia	Hz	60	60	60
MOTOR				
Marca		DOOSAN	DOOSAN	DOOSAN
Modelo		DP222LC	DP222CB	DP222CC
Velocidad	(RPM)	1800	1800	1800
Potencia Bruta del Motor (en Espera)	(kWm)	828	900	995
Potencia Bruta del Motor (Principal)	(kWm)	753	810	900
Potencia Típica del Generador (en Espera)	(kVA)	973	1058	1169
Potencia Típica del Generador (Principal)	(kVA)	885	952	1058
Tipo de Motor		4-Cycle, V-Type, 12-Cylinder Diesel, water cooled, Turbo Charged & Intercooled		
Diámetro x Carrera	(mm)	128 x 142	128 x 142	128 x 142
Desplazamiento	(liters)	21.927	21.927	21.927
Relación de Compresión		15:1	14.6:1	14.6:1
Rotación		Counter clockwise viewed from Flywheel		
Orden de Encendido		1-12-5-8-3-10-6-7-2-11-4-9	1-6-5-10-2-7-3-8-4-9	1-12-5-8-3-10-6-7-2-11-4-9
Sistema de Combustible		Bosch in-line "P" type	Bosch Common Rail	Bosch Common Rail
Gobernador		Electronic	ECU	ECU
Clase de Gobernador		G3	G3	G3
Consumo de Combustible en Carga Primaria - Cargado al 110%		196,0	213,0	235,5
Consumo de Combustible en Carga Primaria - Cargado al 100%		173,8	186,9	207,7
Consumo de Combustible en Carga Primaria - Cargado al 75%		131,7	141,6	157,4
Consumo de Combustible en Carga Primaria - Cargado al 50%		94,5	101,6	112,9
Especificaciones del Alternador				
Potencia de Salida	kVa	846,0	945,0	1026,0
Potencia de Salida	kW	677,0	756,0	820,8
Clase de Aislamiento		H	H	H
Modelo RAV		355MXA	355LX	400S
Flujo de Aire	(m³/sec)	1.035	1.035	1.614
Regulación de Voltaje		±1	±1	±1
DIMENSIONES				
Ancho, Abierto [Capota]	[mm]	1400 [1942]	1400 [1942]	1400 [1942]
Longitud, Abierto [Capota]	[mm]	4000 [5166]	4000 [5166]	4000 [5166]
Altura, Abierto [Capota]	[mm]	2188 [2920]	2188 [2920]	2188 [2920]
Peso, Abierto [Capota]	[kg]	4250 [5540]	4250 [5540]	4580 [5870]
Capacidad del Tanque de Combustible	L	1193[530]	1193[530]	1193[530]

NUESTROS CERTIFICADOS



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, FORKLEIFTS, 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, FORKLEIFTS, 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



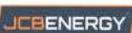
Abimanyu Gaurav
Approval





GCR CERT

CERTIFICATE



JCB ENERGY ELECTRIC POWER INDUSTRY

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

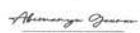
In recognition of the organization's Management System which complies with

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, FORKLEIFTS, 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

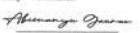
In recognition of the organization's Management System which complies with

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, FORKLEIFTS, 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.




Radex Mivico

CERTIFICATE NO.
MA000163

VALID UNTIL
31 December 2026

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




APPROVED MANUFACTURER

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/12.12.2022

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 Agency) is a 501(c)(3) non-profit organization. The certification is issued by QCAS on behalf of the Certification Body (CB) and is subject to periodic audits. The certification is issued by QCAS on behalf of the Certification Body (CB) and is subject to periodic audits. The certification is issued by QCAS on behalf of the Certification Body (CB) and is subject to periodic 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 st 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 Agency) is a 501(c)(3) non-profit organization. The certification is issued by QCAS on behalf of the Certification Body (CB) and is subject to periodic audits. The certification is issued by QCAS on behalf of the Certification Body (CB) and is subject to periodic audits. The certification is issued by QCAS on behalf of the Certification Body (CB) and is subject to periodic 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 : 251022013423

1st Surveillance Completed: 26-Nov-2024

To verify certificate, visit at :

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 is issued by ARS on behalf of the Certification Body (CB) and is subject to periodic audits. The certification is issued by ARS on behalf of the Certification Body (CB) and is subject to periodic audits. The certification is issued by ARS on behalf of the Certification Body (CB) and is subject to periodic 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 : 251022013424

1st Surveillance Completed: 26-Nov-2024

To verify certificate, visit at :

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 is issued by ARS on behalf of the Certification Body (CB) and is subject to periodic audits. The certification is issued by ARS on behalf of the Certification Body (CB) and is subject to periodic audits. The certification is issued by ARS on behalf of the Certification Body (CB) and is subject to periodic 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 : 251022013422

1st Surveillance Completed: 26-Nov-2024

To verify certificate, visit at :

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 is issued by ARS on behalf of the Certification Body (CB) and is subject to periodic audits. The certification is issued by ARS on behalf of the Certification Body (CB) and is subject to periodic audits. The certification is issued by ARS on behalf of the Certification Body (CB) and is subject to periodic audits.



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