

Power and Light solutions

MEE market

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SIMPLE SOLUTION

02-096-3735



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People.
Passion.
Performance.



**Chicago
Pneumatic**

CPSG range, stationary generators

CPSG units are built to withstand tough working conditions, making them ideal for operators seeking a consistent source of power for 24/7 operations, across a wide variety of applications in non regulated countries or stationary applications within European market. Built with only quality components, anticorrosion canopies, meticulous assembly and vigorous testing, guarantee long and reliable performance. A wide variety of options provide the functionality needed to match all power demands.

Standard Features:

- Anticorrosion canopy
- Spillage free frame
- Advanced control panel that enables users to control and operate it remotely
- Lockable fuel filling cap
- Easy fuel tank cleaning access to prevent damage from contaminants.
- Easy drainage of all liquids
- Lifting beam ⁽¹⁾
- Auxiliary winding for high performance starting capability ⁽³⁾

Available Options:

- Additional fuel filter with water separator ⁽²⁾
- Battery isolation switch, coolant heater, battery charger
- External fuel tank connections
- Earth leakage relay
- Open frame
- High-capacity fuel tank
- Power Transfer Box
- Socket panel ⁽³⁾
- Oil sump pump ⁽³⁾
- Communication modules
- Paralleling and synchronizing controller (from 200 kVA)
- DSE 730 Advance digital controller for remote and local start applications ⁽⁴⁾

⁽¹⁾ Optional between 60kVA and 250kVA

⁽²⁾ Standard between 60kVA and 250kVA

⁽³⁾ Optional between 30kVA and 250kVA

⁽⁴⁾ Standard from 200kVA

CPSG		CPSG9	CPSG14 CPSG13	CPSG20 CPSG18	CPSG30 CPSG27	CPSG40	CPSG60 CPSG55	CPSG80 CPSG85	CPSG100 CPSG95	CPSG125 CPSG110	CPSG155 CPSG140	CPSG180 CPSG150	CPSG195/ CPSG160	CPSG200 CPSG185
Performance Data														
Rated frequency	Hz	50 60	50 60	50 60	50 60	50 60	50 60	50 60	50 60	50 60	50 60	50 60	50 60	50 60
Rated voltage*	V	400/230 220/127	400/230 220/127	400/230 220/127	400/230 220/127	400/230 220/127	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277
Prime power	kVA	9 11	13,6 16	20 23	32 34	37,2 49	60 71	90 108	100 123	125 140	157 171	180 186	197 194	200 232
Standby power	kVA	10 12,6	16 18,8	21,5 23,6	33 36	45 52	63,5 78	95,8 118	112 134	135 153	173 188	194 204	217 216	220 253
Fuel Consumption														
Fuel tank capacity / with optional long autonomy fuel tank	l	55 / 250	55 / 250	55 / 250	116	116	104	225	260	225	375 / 950	520 / 900	375 / 950	490 / 1490
Fuel consumption at 75% PRP	l/h	2,1 2,4	2,8 3,4	3,9 4,8	5,8 6,1	6,4 9,4	10,1 12	14,3 19,3	16,1 19,4	20,0 22,8	25,9 31,7	36,5	34,8 36,7	31,7 37,7
Fuel autonomy (Standard / optional long autonomy fuel tank)	h	26/119 20/92	19/89 16/75	14/64 11,7/53	20 19,2	18,1 12,3	10,3 8,7	15,7 11,7	16 11,6	11,3 9,9	14/37 12/30	14,3	11/27 10/26	15/46 13/38
Engine														
Model		Kubota D1105-BG2	Kubota D1703-M-BG	Kubota V2403-M-BG	Kubota V3300-BG	Kubota V3800DI-T-BG 2	Cummins 4BTA3.9-G2	Cummins 6BT5.9-G2	Cummins 6BT5.9-G2	Cummins 6BTA5.9-G2	John Deere 6068HF120	Cummins 6CTA8.3-G2	John Deere 6068HFG20	Doosan P086 TI
Speed	rpm	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800
Speed control		Mechanical	Electronic	Electronic	Mechanical	Electronic	Electronic	Electronic	Electronic	Electronic	Mechanical	Electronic governor	Mechanical	Electronic
Alternator														
Model		ECP3-1L/4A	ECP3-3L/4	ECP28-M/4A	ACA180E	ACA180G	ACA225D	ACA225G	ACA270B	ACA270C	ECP34-2L/4	ACA270F	ECO38-2S/4 ECO38-1S/4	ECO38-2S
Excitation type / AVR model		MAUX / DSR	MAUX / DSR	MAUX / DSR	Shunt / SX460	Shunt / SX460	Shunt / SX460	Shunt / SX460	Shunt / SX460	Shunt / SX460	MAUX / DSR	Shunt/SX460	MAUX / DSR	MAUX / DSR
Noise level														
Sound power level (LwA)	dB(A)	86 88	90 92	88 91	93 94,3	94 95,1	94 96	94 96	93 101,3	93 105,1	94 97	102 104	97 100	97 100
Sound pressure level (LpA) at 7 m	dB(A)	59 61	63 65	61 64	67 69	66 68	68 65	68 73	70 75	74 76	68 71	73 78	71 74	72 75
Weight and dimensions														
Length	mm	1750	1750	1750	2225	2225	2280	2910	2920	2910	3265 / 3350	3410 / 3810	3265 / 3350	3840
Width	mm	840	840	840	970	970	980	1120	1098	1120	1150	1250 / 1340	1150	1470
Height (Standard / optional long autonomy fuel tank)	mm	1155 / 1475	1155 / 1475	1155 / 1475	1185	1185	1265	1685	1643	1685	1860 / 2226	2224 / 2424 / 2407	1860 / 2226	1915 / 2265
Weight (Standard / optional long autonomy fuel tank)	kg	590 / 700	670 / 780	710 / 820	905	905	1175	1530	1514 kg	1680 kg	2110 / 2400	2394 / 2537	2210 / 2500	2750 / 3200
Mechanical structure		Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed

* For other voltage configuration, please consult.



CPSG		CPSG250 CPSG210	CPSG300 CPSG280	CPSG380 330	CPSG410 CPSG360	CPSG450 CPSG370	CPSG460 CPSG420	CPSG500 CPSG460	CPSG525 CPSG455	CPSG570 CPSG510	CPSG635 CPSG550	CPSG640 CPSG555	CPSG680 CPSG645	CPSG750 CPSG675
Performance Data														
Rated frequency	Hz	50 60	50 60	50 60	50 60	50 60	50 60	50 60	50 60	50 60	50 60	50 60	50 60	50 60
Rated voltage*	V	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277	400/230 480/277
Prime power	kVA	250 262	300 352	380 414	410 450	450 461	460 526	500 577	524 572	571 642	635 692	637 695	680 808	752 849
Standby power	kVA	272 286	330 378	414 451	470 500	502 503	509 582	555 644	580 625	630 680	700 764	705 760	735 893	830 925
Fuel Consumption														
Fuel tank capacity / with optional long autonomy fuel tank	l	520 / 900	490 / 1490	605	1079	605	1079	980	1079	1079	1079	980	1293	1293
Fuel consumption at 75% PRP	l/h	46,0	47 56	56,3	65,1 74,7	67,4	72,9 83,4	95,4	83,4 92,9	94,2 106,6	103,8 114,2	96	109 127,7	119,1 134,4
Fuel autonomy (Standard / optional long autonomy fuel tank)	h	11,3	10/31 8/26	10,7	16,6 14,4	9	14,8 12,9	10,3	12,9 11,6	11,5 10,1	10,4 9,4	10,2	11,9 10,1	10,9 9,6
Engine														
Model		Cummins 6LTA A8.9 -G2	Doosan P126 TI-II	TAD1343GE	Doosan P158 LE	TAD1345GE	Doosan DP158 LC	TAD1641GE	Doosan DP158 LD	Doosan DP180 LA	Doosan DP180 LB	TWD1643GE	Doosan DP222 LB	Doosan DP222 LC
Speed	rpm	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800
Speed control		Electronic governor	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Alternator														
Model		ACA270J	ECO38-2L	ACA315F	ECO40-2S ECO40-1S	ACA315H	ECO40-3S ECO40-2S	ACA355C	ECO40-1L ECO40-3S	ECO40-1.5L ECO40-1L	ECO40-2L ECO40-1.5L	ACA355E	ECO40-2L ECO40-VL	ECO43-1SN ECO40-VL
Excitation type / AVR model		Shunt/SX460	MAUX / DSR	Shunt/AS440	MAUX / DER1	Shunt/AS440	MAUX / DER1	Shunt/AS440	MAUX / DER1	MAUX / DER1	MAUX / DER1	Shunt/AS440	MAUX / DER1	MAUX / DER1
Noise level														
Sound power level (LwA)	dB(A)	102 106	97 100	104 107	98 101	104 107	98 101	104 108	101 104	101 104	101 104	104 109	101 104	101 104
Sound pressure level (LpA) at 7 m	dB(A)	73 83	72 75	77 80	73 76	77 81	73 76	78 82	76 79	76 79	76 79	77 83	76 79	76 79
Weight and dimensions														
Length	mm	3410 / 3810	3840	4580	4800	4580	4800	4590	4800	4800	4800	4590	5200	5200
Width	mm	1250 / 1340	1470	1500	1870	1500	1870	1860	1870	1870	1870	1860	1870	1870
Height (Standard / optional long autonomy fuel tank)	mm	2224 / 2424 / 2407	1915 / 2265	2105	2395	2105	2395	2435	2395	2395	2395	2435	2535	2535
Weight (Standard / optional long autonomy fuel tank)	kg	2924 / 3067	3000 / 3450	5260	4508 4430	5260	4771 4718	5845	4924 4771	5095 5039	5301 5095	6635	5871 5978	6155 5978
Mechanical structure		Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed	Sound-proofed

* For other voltage configuration, please consult.



CPPPG range, portable generators



CPPPG Inverter

The day-to-day silent solution below 3kVA.

CPPPG Standard

The CPPPG Standard Line offers straight forward gasoline generators with all the features you need for your occasional use built right in. They are designed to deliver stable electrical output and safe, user-friendly operation over a long service life.

CPPPG Professional

A generator for professionals by professionals, built for extensive and continuous use. Available with a gasoline or diesel engine, the CPPPG Professional is extraordinarily versatile.

CPPPG Advanced

A top-of-the-line generator for heavy, all day operation. With several standard extras, simple controls, safe operations and an extended service life, the CPPPG Advanced provides supreme reliability for intensive use in tough environments. Available with a gasoline or diesel engine.

CPPPG Advanced+

A sound proofed generator with the same features as the Advanced range, the CPPPG Advanced+ is the perfect choice when working in noise restricted or dusty environments. The canopy not only serves as sound insulation but also protects the machine from dust.



		CPPG INVERTER		CPPG STANDARD				
		CPPG2i CPPG2iW	CPPG3i CPPG3iW	CPPG2.3 CPPP2.5W	CPPG5 CPPG5.5W	CPPG5T	CPPG7 * CPPG7W	CPPG7T *
CPPG								
Generator data								
Rated frequency	Hz	50 60	50 60	50 60	50 60	50	50 60	50
Rated voltage	V	230 120	230 120	230 240 / 120	230 240 / 120	400 / 230	230 240 / 120	400 / 230
Nominal power output	kVA	1,6	3,0	2,3 2,5	5	6,2	6,0 6,5	7,5
Peak power output	kVA	1,8	3,3	2,5 2,8	5,5	6,8	6,5 7,0	8,1
Power factor cos Phi		1	1	1	1	0,8	1	0,8
Fuel tank capacity	l	4	10	15	25	25	25	25
Fuel autonomy at nominal power	h	5	6	11	10	10	8	8
Sockets configuration		1 x SCH 2 x 3P20A	2 x SCH 2 x 3P20A + 1 x TL240	2 x SCH 2 x 3P20A + 1 x TL240	2 x SCH + 1 x 3P32A 4 x 3P20A + 1 x TL240	1 x SCH + 1 x 5P16A	2 x SCH + 1 x 3P32A 4 x 3P20A + 1 x TL240	1 x SCH + 1 x 5P16A
SCH: Schuko 2P+G 16A 3P16A: CEE 230V 2P+G 16A 3P32A: CEE 230V 2P+G 32A 5P16A: CEE 400V 3P+N+G 16A 3P20A: Nema 120 V 20A TL120: Nema 120V twist lock 20A TL240: Nema 240/120 V Twist Lock								

Engine								
Model		CP148F Gasoline	CP170FD Gasoline	CP200FA Gasoline	CP390FD Gasoline	CP390FD Gasoline	CP420FD Gasoline	CP420FD Gasoline
Engine Exhaust Regulation		Stage V CARB	Stage V CARB	Stage V CARB	Stage V CARB	Stage V	Stage V CARB	Stage V
Nominal speed	rpm	5000	3600	3000 3600	3000 3600	3000	3000 3600	3000
Power output	kWm	2,4	4,4	4,1	8,2	8,2	9	9
Displacement	cm3	79	212	196	389	389	420	420
Starter type		Recoil	Electric / Recoil	Recoil	Electric / Recoil	Electric / Recoil	Electric / Recoil	Electric / Recoil
Alternator								
Power	kVA	2	3	2,5	5 5,5	6,3	6 6,5	7,5
Noise level								
Sound pressure level (LpA) at 7m	dB(A)	65	63	70	72	72	76	76
Sound power level (LwA)	dB(A)	90	88	95	97	97	101	101
Weight and dimensions								
Length	mm	500	580	590	675	675	680	680
Width	mm	285	440	430	540	540	550	550
Height	mm	455	510	480	540	540	550	550
Weight	kg	21	45	52	79	79	83	85

		CPPG PROFESSIONAL GASOLINE							CPPG PROFESSIONAL DIESEL			
		CPPG3P	CPPG3.5P	CPPG5P	CPPG6.5P	CPPG7.5P	CPPG8P	CPPW210	CPPG4P*	CPPG4.5P*	CPPG6P*	CPPG7P*
CPPG												
Generator data												
Rated frequency	Hz	50	50	50	50	50	50	50	50 60	50	50 60	50
Rated voltage	V	230	230	230	400 / 230	230	400 / 230	400 / 230	230 240 / 120	400 / 230	230 240 / 120	400 / 230
Nominal power output	kVA	2,4	2,9	4,3	5,4	6,1	7	5,2	3,3 3,5	4	4,9 4,7	5,6
Peak power output	kVA	2,9	3,4	5,1	6,3	7,1	8,3	6,1	3,9 3,7	4,6	5,9 5,2	6,9
Power factor cos Phi		0,9	0,9	0,9	0,8	0,9	0,8	0,8	0,9 1	0,8	0,9	0,8
Fuel tank capacity	l	11	11	11	11	11	11	6,1	3,5	3,5	5,5	5,5
Fuel autonomy at nominal power	h	9,4	7	5	5	3,8	3,9	2,1	2,8	2,8	2,8 2,3	2,8
Sockets configuration		2 x SCH	2 x SCH	1 x SCH + 1 x 3P16A	1 x SCH + 1 x 3P16A + 1 x 5P16A	1 x SCH + 1 x 3P32A	1 x SCH + 1 x 3P16A + 1 x 5P16A	1 x 3P16A + 1 x 5P16A + Welding DC output 40-220A	1 x SCH + 1 x 3P16A 1 x 3P20A + 1 x TL240	1 x SCH + 1 x 5P16A	1 x SCH + 1 x 3P32A 1 x 3P20A + 1 x TL240	1 x SCH + 1 x 3P16A + 1 x 5P16A
SCH: Schuko 2P+G 16A 3P16A: CEE 230V 2P+G 16A 3P32A: CEE 230V 2P+G 32A 5P16A: CEE 400V 3P+N+G 16A 3P20A: Nema 120 V 20A TL120: Nema 120V twist lock 20A TL240: Nema 240/120 V Twist Lock												

Engine												
Model		Honda GX160 Gasoline	Honda GX200 Gasoline	Honda GX270 Gasoline	Honda GX270 Gasoline	Honda GX390 Gasoline	Honda GX390 Gasoline	Honda GX390 Gasoline	Yanmar L70 Diesel	Yanmar L100 Diesel	Yanmar L100 Diesel	Yanmar L100 diesel
Engine Exhaust Regulation		Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V
Nominal speed	rpm	3000	3000	3000	3000	3000	3000	3000	3000 3600	3000	3000 3600	3000
Power output	kWm	3,2	3,8	5,7	5,7	7,7	7,7	7,7	4,5 5,4	4,5	6,5 7,4	6,5
Displacement	cm3	163	196	270	270	389	389	389	320	320	435	435
Starter type		Recoil	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil
Alternator												
Power	kVA	2,7	3	4,2	7	6	7	6,5	4,2 7	7	5 6,5	7
Noise level												
Sound pressure level (LpA) at 7m	dB(A)	68	67	69	69	69	69	69	76	76	80	80
Sound power level (LwA)	dB(A)	96	95	97	97	97	97	97	101	101	105	105
Weight and dimensions												
Length	mm	623	623	729	729	729	729	875	760	760	760	760
Width	mm	409	409	500	500	500	500	620	540	540	540	540
Height	mm	500	500	536	536	536	536	600	560	560	560	560
Weight	kg	42	44	62	76	74	82	80	55 71	71	95	97

* Not compliant with directive 2000/14/EC.

CPPG

Generator data

		CPPG ADVANCED GASOLINE						CPPG ADVANCED DIESEL			
		CPPG5A	CPPG6.5A	CPPG7.5A	CPPG8A	CPPG12A	CPPG14A	CPPG6A*	CPPG7A*	CPPG9A*	CPPG10A*
Rated frequency	Hz	50	50	50	50	50	50	50	50	50	50
Rated voltage	V	230	400 / 230	230	400 / 230	230	400 / 230	230	400 / 230	230	400 / 230
Nominal power output	kVA	4,3	5,4	6,1	7,0	10,1	11,9	4,9	5,6	7,6	8,8
Peak power output	kVA	5,3	6,3	7,1	8,3	11,9	13,9	5,9	6,9	8,8	10,3
Power factor cos Phi		0,9	0,8	0,9	0,8	0,9	0,8	0,9	0,8	0,9	0,8
Fuel tank capacity	l	18	18	18	18	24	24	24	24	24	24
Fuel autonomy at nominal power	h	8,1	8,1	6,3	6,3	4,3	4,3	12,4	12,4	8,3	8,3
Sockets configuration		1 x SCH + 1 x 3P32A	1 x SCH + 1 x 5P16A	1 x SCH + 1 x 3P32A	1 x SCH + 1 x 5P16A	1 x SCH + 1 x 3P16A + 1 x 3P32A	1 x SCH + 2 x 3P16A + 1 x 5P16A	1 x SCH + 1 x 3P16A + 1 x 3P32A	1 x SCH + 2 x 3P16A + 1 x 5P16A	1 x SCH + 1 x 3P16A + 1 x 3P32A	1 x SCH + 1 x 3P32A + 1 x 5P16A

SCH: Schuko 2P+G 16A 3P16A: CEE 230V 2P+G 16A 3P32A: CEE 230V 2P+G 32A 5P16A: CEE 400V 3P+N+G 16A 3P20A: Nema 120 V 20A TL120: Nema 120V twist lock 20A TL240: Nema 240/120 V Twist Lock

Engine

Model		Honda GX270 Gasoline	Honda GX270 Gasoline	Honda GX390 Gasoline	Honda GX390 Gasoline	Honda GX630 Gasoline	Honda GX630 Gasoline	Yanmar L100 Diesel	Yanmar L100 Diesel	Lombardini 25LD330 Diesel	Lombardini 25LD330 Diesel
Engine Exhaust Regulation		Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V
Nominal speed	rpm	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Power output	kWm	5,7	5,7	7,7	7,7	12	12	6,5	6,5	10	10
Displacement	cm3	270	270	389	389	688	688	435	435	654	654
Starter type		Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric

Alternator

Power	kVA	4,2	7	6	7	10	11,5	5	6	8	10
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Noise level

Sound pressure level (LpA) at 7m	dB(A)	69	69	69	69	68	68	80	80	80	80
Sound power level (LwA)	dB(A)	97	97	97	97	96	96	105	105	105	105

Weight and dimensions

Length	mm	842	842	842	842	960	960	840	840	960	960
Width	mm	523	523	523	523	641	641	641	641	641	641
Height	mm	557	557	557	557	667	667	696	696	667	667
Weight	kg	69	81	89	92	190	187	115	125	159	162

CPPG

Generator data

		CPPG ADVANCED+ GASOLINE		CPPG ADVANCED+ DIESEL					
		CPPG12AS	CPPG14AS	CPPG4AS	CPPG6AS	CPPG7AS	CPPG9AS	CPPG10AS	
Rated frequency	Hz	50	50	50	50 60	50	50 60	50	
Rated voltage	V	230	400 / 230	230	230 240 / 120	400 / 230	230 240 / 120	400 / 230	
Nominal power output	kVA	10,1	11,9	3,4	4,8	5,6	7,6	9,1	
Peak power output	kVA	11,9	13,9	4,1	5,9	6,9	8,8	10,6	
Power factor cos Phi		0,9	0,8	0,9	0,9	0,8	0,9	0,8	
Fuel tank capacity	l	24	24	18	24	24	24	24	
Fuel autonomy at nominal power	h	4,4	4,3	14,5	12,4 10	12,4	8,3 8	8,3	
Sockets configuration		1 x SCH + 1 x 3P16A + 1 x 3P32A	1 x SCH + 2 x 3P16A + 1 x 5P16A	1 x SCH + 1 x 3P16A + 1 x 3P32A	1 x SCH + 1 x 3P16A + 1 x 3P32A 2 x 3P20A + 1 x TL240	1 x SCH + 2 x 3P16A + 1 x 5P16A	1 x SCH + 1 x 3P16A + 1 x 3P32A 2 x 3P20A + 1 x TL240	1 x SCH + 2 x 3P16A + 1 x 5P16A	

SCH: Schuko 2P+G 16A 3P16A: CEE 230V 2P+G 16A 3P32A: CEE 230V 2P+G 32A 5P16A: CEE 400V 3P+N+G 16A 3P20A: Nema 120 V 20A TL120: Nema 120V twist lock 20A TL240: Nema 240/120 V Twist Lock

Engine

Model		Honda GX630 Gasoline	Honda GX630 Gasoline	Yanmar L70 Diesel	Yanmar L100 Diesel	Yanmar L100 Diesel	Lombardini 25LD330 Diesel	Lombardini 25LD330 Diesel
Engine Exhaust Regulation		Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V
Nominal speed	rpm	3000	3000	3000	3000 3600	3000	3000 3600	3000
Power output	kWm	12	12	4,5	6,5 7,4	6,5	10	10
Displacement	cm³	688	688	320	435	435	654	654
Starter type		Electric	Electric	Electric	Electric	Electric	Electric	Electric

Alternator

Power	kVA	9,5	11,5	4,1	6 6,5	6	8 10	10
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Noise level

Sound pressure level (LpA) at 7m	dB(A)	61	61	68	65 69	65	69 72	69
Sound power level (LwA)	dB(A)	89	89	96	93 97	93	97 100	97

Weight and dimensions

Length	mm	990	990	800	990	990	990	990
Width	mm	602	602	520	602	602	602	602
Height	mm	826	826	690	826	826	826	826
Weight	kg	190	190	99	188	188	206	209

* Not compliant with directive 2000/14/EC.



Light Tower portfolio

We have a light tower for any site, any conditions and importantly any budget. We have a wide range of LED options with choices on the canopy design and design features. Because of the harsh conditions that the light towers are likely to operate within, we focus on ensuring peak performance and optimizing lifespan and resale value. We also focus on allowing easy maintenance access to the machine, including service components and drains. All models have an environmentally friendly frame that prevents any excess fluid escaping.





LIGHT TOWER

		CPLT H6 LED	CPLB 6 LED	CPLT V25 LED	CPLT V15 LED	CPLT V15 K LED	CPLT V15	CPLT V15 K	CPLT V15W	CPLT V15W K
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Performance data

Rated frequency	Hz	50	50 60	50 60	50 60		50 60		50 60	
Rated voltage	VAC	230	230 120	230 120	230 120		230 120		230 120	
Rated power (PRP)	kW	2,7	2,5 2,8	2,5 2,8	2,5 2,8	2,8 3,6	5,4 6,8	4,8 6	6 8	5,8 8
Operating temperature (min/max)	°C	-20 / 40	-20 / 40	-25 / 50	-25 / 50	-25 / >50	-25 / 49	-25 / >50	-25 / 50	-25 / >50
Sound power level (LwA)	dB(A)	90	82	88	86		92 94	98 102	87 89	91 93
Sound pressure level (LpA)	dB(A) at 7 m	65	55	65	63		71 73		63 64	66 71

Engine

Model		Hatz 1 B	Kubota Z482	Kubota Z482	Kubota Z482	Kohler KDW702	Kubota Z482	Kohler KDW702	Kubota D1105	Kohler KDW1003
Speed	rpm	1500	1500 1800	1500 1800	1500 1800		3000 3600		1500 1800	
Rated net output (PRP)	kW	3,5	2,7 3	2,7 3	2,7 3	5,5 6	6,9 8,1	11 11,5	8 9,5	
Coolant		Air	Water	Water	Water		Water		Water	
Number of cylinders		1	2	2	2		2		3	
Engine Exhaust Regulation		Stage V	Stage V	Stage V, non Regulated	Stage V, non Regulated		Stage V, non Regulated		Stage V, non Regulated	

Alternator

Model		Linz E1C13S A/4	Meccalte LT3/75	ACA132B	Meccalte LT3/75		Sincro EK 2 MCT		CPDP06/AG164	
Rated output	kVA	5,5	3,5 4,5	3 4	3,5 4,5		6 7,5		6 8	
Insulation / Enclosure protection	class/IP	H / 21	H / 21	H / 23	H / 21		H / 23		H / 23	

Consumption

Fuel tank capacity	l	120	125	110	110		110		160	
Fuel autonomy	h	185	185	245	150	135 120	57 50	50 45	90	95

Power output

Auxiliary power	kW	1,2	1,2	1	1		1,4 2		2	
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Lights

Floodlights		LED	LED	LED	LED		Metal halide		Metal halide	
Wattage	W	4 x 350	4 x 350	4 x 250	4 x 350		4 x 1000		4 x 1000	

Mast

Type		Hydraulic	Hydraulic	Manual vertical, 5 section	Manual vertical, 5 section		Manual vertical, 5 section		Manual vertical, 5 section	
Rotation	degrees	340	340	360	360		360		360	
Maximum height	mm	8000	8000	7500	7500		7500		7500	
Maximum wind speed	km/h	80	80	80	80		80		80	

Enclosure and trailer

Trailer		EU RoadHomologated fix or adjustable towbar, or off-road trailer	-	DOT US Compliant Unibody trailer with 4 point leveling system. EU road-homologated trailer			
Base frame		Spillage free frame		-	Spillage free frame		
Enclosure		Galvanized steel canopy and powder		Gull-wing Red Rock doors			

Dimensions inc. Transport fix towbar and weight

Length*	mm	2300	1160	1670	1670		1670		1800	
Width*	mm	1280	1160	1100	1100		1100		1350	
Height*	mm	2485	2500	2500	2500		2500		2970	
Weight*	kg	1050	980	702	702		694		826	

* Approx. dimensions and weight. Might differ.



LIGHT TOWER		CPLB 3 LED	CPLT P2 LED	CPLT V2 LED / V3 LED
Performance data				
Rated frequency	Hz	50	50	50
Rated voltage	VAC	230	230	230
Lights				
Floodlights		LED	LED	LED
Wattage	W	4 x 160 1 x 500W Balloon	320	320 / 4 x 120
Mast				
Type		Manual	Manual	Manual
Rotation	degrees	0	0	0
Maximum height	mm	7000	3500	5000 / 5100
Maximum wind speed	km/h	80	50	80
Enclosure and trailer				
Trailer		-	-	Heavy Duty Trailer with bumpers in PE
Enclosure		Red rock canopy	-	-
Dimensions inc. Transport fix towbar and weight				
Length*	mm	1200	500	1100
Width*	mm	800	500	850
Height*	mm	2140	2200	2000
Weight*	kg	250	45	110
Variants				
Standard Plug / Socket - Variant 1		CEE 32A Inlet Plug & Outlet socket	-	-
Standard Plug - Variant 2		Schuko 16A Inlet Plug	-	-

*Approx. dimensions and weight. Might differ.

Light Tower Selection Guide

	CPLT V25 LED	CPLT V15 CPLT V15 K	CPLT V15 LED CPLT V15 LED K	CPLT V15W CPLT V15W K	CPLT H6	CPLB 6 LED	CPLB 3 LED	CPLT P2 LED	CPLT V2 LED V3 LED
Fuel efficiency	*** 0,45 l/h	** 2 l/h	*** 0,7 l/h	*** 1,7 l/h	** 0,5 l/h	*** 0,5 l/h	*** 0 l/h	*** 0 l/h	*** 0 l/h
Area coverage	*** 4000 m2	** 4000 m2	*** 5000 m2	*** 4000 m2	*** 5000 m2	*** 5000 m2	*** 3000 m2	*** 2000 m2	*** 2000 3000 m2
Safety features	*** Manual vertical mast	** Manual vertical mast	*** Manual vertical mast	*** Manual vertical mast	*** Hydraulic vertical mast	*** Hydraulic vertical mast	*** Manual vertical mast	*** Manual vertical mast	*** Manual vertical mast
Lamps durability	*** 50000 hrs	** 6000 hrs	*** 50000 hrs	*** 6000 hrs	*** 50000 hrs	*** 50000 hrs	*** 50000 hrs	*** 50000 hrs	*** 50000 hrs
Transport efficiency	*** 16 units in a truck	** 16 units in a truck	*** 16 units in a truck	*** 12 units in a truck	*** 8 units in a truck	*** 22 units in a truck	*** 32 units in a truck	*** -	*** 24 units in a truck
Extra features	Red Rock canopy	Red Rock canopy	Red Rock canopy	Red Rock canopy	Heavy-duty	Compact footprint	Easy plug into any power source	Easy plug into any power source	Easy plug into any power source

*** Great Choice ** Good Choice

