

Power and Light solutions

European market



People.
Passion.
Performance.



Chicago
Pneumatic

CPDG range, mobile generators

CPDG generators have been designed to meet the tough demands of the construction industry. Using proven technology, sturdy design and ease of operation, the CPDG provides you with a dependable source for all your electrical power needs. With integrated forklift slots and a lifting beam, the CPDG range of generators are easy to move and designed to be highly impact resistant. Other features include easy to read gauges, easy to access maintenance points and a reinforced structure. The CPDG generators are available with a galvanized canopy. It meets applicable CE requirements for use in European markets.

Standard Features:

- Galvanized canopy
- Centrally reinforced structure
- Lifting beam
- Spillage free frame with forklift slots
- Lockable fuel filler neck
- Robust terminal board
- Analogue control panel
- Easy drainage of all liquids
- Additional fuel filter with water separator

Available Options:

- Battery isolation switch
- Exhaust rain cap
- Power sockets panel
- Oil sump pump
- Cold weather operation
- Engine coolant heater
- External fuel connections
- Battery charger
- Skid with forklift slots

- ATB panels
- High capacity fuel tank
- Remote monitoring (from 60 kVA)
- Homologated and site trailer



		CPDG9	CPDG14	CPDG20	CPDG30	CPDG40
Electrical data						
Rated frequency	Hz	50	50	50	50	50
Rated voltage	V	400 / 230	400 / 230	400 / 230	400 / 230	400 / 230
Prime power	kVA	9	14,3	17,5	30	42
Standby power	kVA	10	15,7	18,7	33	46
Power Factor cos phi		0,8	0,8	0,8	0,8	0,8
Fuel consumption						
Fuel tank capacity (standard / 24-48H / 1000l fuel tank)	l	55 / 250 / 990	55 / 250 / 990	55 / 250 / 990	105 / 480	105 / 480
Fuel consumption @ 100% PRP load	l/h	2,4	3,5	5	6,9	9,8
Fuel autonomy at full load (standard / 24-48H / 1000l fuel tank)	h	22 / 104 / 412	16 / 72 / 285	11 / 50 / 198	15 / 69	10 / 48
Engine						
Model		Kubota D1105-BG2	Kubota D1703-M-E4EBG	Kubota V2203M-E4BG	Kubota V3300-DI-BG	Kubota V3800-DI-T-E3BG
Speed regulation	rpm	1500	1500	1500	1500	1500
Engine exhaust compliance 97/68/CE		EU Stage V	EU Stage V	EU Stage V	EU Stage IIIA	EU Stage IIIA
Noise level						
Sound power level (LwA)	dB(A)	85	87	89	91	91
Sound pressure level (LpA)	dB(A) at 7 m	58	60	62	64	64
Weight and dimensions						
Length (standard / skid)	mm	1750 / 1800	1750 / 1800	1750 / 1800	2200 / 2250	2200 / 2250
Width (standard / skid)	mm	840 / 944	840 / 944	840 / 944	950 / 1045	950 / 1045
Height (standard / 48H / 1000l fuel tank)	mm	1120 / 1530 / 1950	1120 / 1530 / 1950	1120 / 1530 / 1950	1270 / 1710	1270 / 1710
Weight (standard / 48H / 1000l fuel tank)	kg	580 / 700 / 980	680 / 800 / 1080	740 / 860 / 1140	970 / 1150	1040 / 1220



		CPDG60	CPDG85	CPDG105	CPDG120	CPDG150	CPDG200
Electrical data							
Rated frequency	Hz	50	50 60	50 60	50 60	50 60	50 60
Rated voltage	V	400 / 230	400 / 230 480 / 277	400 / 230 480 / 277	400 / 230 480 / 277	400 / 230 480 / 277	400 / 230 480 / 277
Prime power	kVA	61	84 84	104 104	120 120	150 160	200 209
Standby power	kVA	66	91 92	114 115	132 132	164 176	220 230
Power Factor cos phi		0,8	0,8	0,8	0,8	0,8	0,8
Fuel consumption							
Fuel tank capacity (standard / 24-48H / 1000l fuel tank)	l	160 / 520	230 / 680	230 / 680	230 / 680	375 / 950	375 / 950
Fuel consumption @ 100% PRP load	l/h	14	18,5 20	23,4 24,2	27,1 27,3	32,5 35,3	44,1 46,5
Fuel autonomy at full load (standard / 24-48H / 1000l fuel tank)	h	11 / 37	12 / 36 12 / 34	10 / 29 10 / 28	8 / 25 8 / 25	11 / 29 10 / 27	8 / 21 8 / 20
Engine							
Model		John Deere 4045HFU81	John Deere 4045HFU82_A	John Deere 4045HFU82_B	John Deere 4045HFU82_C	John Deere 6068HFU82_A	John Deere 6068HFU82_B
Speed regulation	rpm	1500	1500 1800	1500 1800	1500 1800	1500 1800	1500 1800
Engine exhaust compliance 97/68/CE		EU Stage IIIA	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA
Noise level							
Sound power level (LwA)	dB(A)	91	89 92	92 95	95 98	93 96	97 101
Sound pressure level (LpA)	dB(A) at 7 m	65	63 66	66 69	69 72	67 70	71 75
Weight and dimensions							
Length (standard / skid)	mm	2255 / 2300	2900 / 2980	2900 / 2980	2900 / 2980	3265 / 3350	3265 / 3350
Width (standard / skid)	mm	1130	1150	1150	1150	1170	1170
Height (standard / 24H fuel tank)	mm	1615 / 2015	1710 / 2085	1710 / 2085	1710 / 2085	1860 / 2226	1860 / 2226
Weight (standard / 24H fuel tank)	kg	1500 / 1680	1765 / 2000	1855 / 2090	1910 / 2140	2110 / 2400	2210 / 2500

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, galvanized 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:

- Galvanized 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

Available Options:

- Additional fuel filter with water separator
- Battery isolation switch
- Engine coolant heater
- External fuel tank connections
- Battery charger
- Open frame
- High-capacity fuel tank
- Power Transfer Box
- Remote monitoring
- Paralleling and synchronizing controller (from 200 kVA)

CPSG		CPSG9	CPSG14 CPSG13	CPSG20 CPSG18	CPSG30 CPSG27	CPSG40	CPSG65 CPSG60	CPSG85 CPSG75	CPSG100 CPSG90	CPSG125 CPSG110	CPSG155 CPSG140
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
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
Prime power	kVA	9 11	13,6 16	20 23	30 36	42 49	63 75	84 94	102 113	123 136	157 171
Standby power	kVA	10 12,6	16 18,8	21,5 23,6	33 37	47 54	71 78	92 105	112 124	135 150	173 188
Fuel Consumption											
Fuel tank capacity / with optional long autonomy fuel tank	l	55 / 250	55 / 250	55 / 250	105 / 480	105 / 480	160 / 520	230 / 680	230 / 680	375 / 950	375 / 950
Fuel consumption at 75% PRP	l/h	2,1 2,4	2,8 3,4	3,9 4,8	5,6 6,4	7,2 8,6	10,2 12,6	13,3 16	16,9 19	20 24,6	25,9 31,7
Fuel autonomy (Standard / optional long autonomy fuel tank)	h	26/119 20/92	19/89 16/75	14/64 11,7/53	19/86 16/75	14/66 12/56	16/51 13/41	17/51 14/43	14/40 12/36	19/48 15/39	14/37 12/30
Engine											
Model		Kubota D1105-BG2	Kubota D1703-M-BG	Kubota V2403-M-BG	Kubota V3300-BG	Kubota V3800DI-T-BG 2	John Deere 4045TF120	John Deere 4045TF220	John Deere 4045HF120	John Deere 6068TF220	John Deere 6068HF120
Speed	rpm	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	Electronic	Electronic	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Alternator											
Model		ECP3-1L/4A	ECP3-3L/4	ECP28-M/4A	ECP28-VL/4A	ECP32-3S/4A	ECP32-2M/4B	ECP34-1S/4	ECP34-2S/4	ECP34-1L/4	ECP34-2L/4
Excitation type / AVR model		MAUX / DSR	MAUX / DSR	MAUX / DSR	MAUX / DSR	MAUX / DSR	MAUX / DSR	MAUX / DSR	MAUX / DSR	MAUX / DSR	MAUX / DSR
Noise level											
Sound power level (LwA)	dB(A)	86 88	90 92	88 91	92 94	90 93	92 95	92 95	93 96	93 96	94 97
Sound pressure level (LpA)	dB(A) at 7 m	59 61	63 65	61 64	66 68	64 67	66 69	66 69	67 70	67 70	68 71
Weight and dimensions											
Length	mm	1750	1750	1750	2220	2220	2255 / 2300	2900 / 2980	2900 / 2980	3265 / 3350	3265 / 3350
Width	mm	840	840	840	940	940	1130	1150	1150	1150	1150
Height (Standard / optional long autonomy fuel tank)	mm	1155 / 1475	1155 / 1475	1155 / 1475	1185 / 1620	1185 / 1620	1615 / 2015	1710 / 2085	1710 / 2085	1860 / 2226	1860 / 2226
Weight (Standard / optional long autonomy fuel tank)	kg	590 / 700	670 / 780	710 / 820	930 / 1100	980 / 1150	1500 / 1680	1765 / 2000	1855 / 2090	2010 / 2300	2110 / 2400
Mechanical structure		Soundproofed	Soundproofed	Soundproofed	Soundproofed	Soundproofed	Soundproofed	Soundproofed	Soundproofed	Soundproofed	Soundproofed

* For other voltage configuration, please consult.



CPSG	CPSG195/ CPSG160	CPSG200 CPSG185	CPSG300 CPSG280	CPSG410 CPSG360	CPSG460 CPSG420	CPSG525 CPSG455	CPSG570 CPSG510	CPSG635 CPSG550	CPSG680 CPSG645	CPSG750 CPSG675
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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
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
Prime power	kVA	197 194	200 232	300 352	410 450	460 526	524 572	571 642	635 692	680 808	752 849
Standby power	kVA	217 216	220 253	330 378	470 500	509 582	580 625	630 680	700 764	735 893	830 925

Fuel Consumption

Fuel tank capacity / with optional long autonomy fuel tank	l	375 / 950	490 / 1490	490 / 1490	1079	1079	1079	1079	1079	1293	1293
Fuel consumption at 75% PRP	l/h	34,8 36,7	31,7 37,7	47 56	65,1 74,7	72,9 83,4	83,4 92,9	94,2 106,6	103,8 114,2	109 127,7	119,1 134,4
Fuel autonomy (Standard / optional long autonomy fuel tank)	h	11/27 10/ 26	15/46 13/38	10/31 8/26	16,6 14,4	14,8 12,9	12,9 11,6	11,5 10,1	10,4 9,4	11,9 10,1	10,9 9,6

Engine

Model		John Deere 6068HFG20	Doosan P086 TI	Doosan P126 TI-II	Doosan P158 LE	Doosan DP158 LC	Doosan DP158 LD	Doosan DP180 LA	Doosan DP180 LB	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
Speed control		Mechanical	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic

Alternator

Model		ECO38-2S/4 ECO38-1S/4	ECO38-2S	ECO38-2L	ECO40-2S ECO40-1S	ECO40-3S ECO40-2S	ECO40-1L ECO40-3S	ECO40-1.5L ECO40-1L	ECO40-2L ECO40-1.5L	ECO40-2L ECO40-VL	ECO43-1SN ECO40-VL
Excitation type / AVR model		MAUX / DSR	MAUX / DSR	MAUX / DSR	MAUX / DER1	MAUX / DER1	MAUX / DER1	MAUX / DER1	MAUX / DER1	MAUX / DER1	MAUX / DER1

Noise level

Sound power level (LwA)	dB(A)	97 100	97 100	97 100	98 101	98 101	101 104	101 104	101 104	101 104	101 104
Sound pressure level (LpA) at 7 m	dB(A)	71 74	72 75	72 75	73 76	73 76	76 79	76 79	76 79	76 79	76 79

Weight and dimensions

Length	mm	3265 / 3350	3840	3840	4800	4800	4800	4800	4800	5200	5200
Width	mm	1150	1470	1470	1870	1870	1870	1870	1870	1870	1870
Height (Standard / optional long autonomy fuel tank)	mm	1860 / 2226	1915 / 2265	1915 / 2265	2395	2395	2395	2395	2395	2535	2535
Weight (Standard / optional long autonomy fuel tank)	kg	2210 / 2500	2750 / 3200	3000 / 3450	4508 4430	4771 4718	4924 4771	5095 5039	5301 5095	5871 5978	6155 5978
Mechanical structure		Soundproofed	Soundproofed	Soundproofed	Soundproofed	Soundproofed	Soundproofed	Soundproofed	Soundproofed	Soundproofed	Soundproofed

* For other voltage configuration, please consult.

CPPG range, portable generators



CPPG Inverter

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

CPPG Standard

The CPPG 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.

CPPG Professional

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

CPPG 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 CPPG Advanced provides supreme reliability for intensive use in tough environments. Available with a gasoline or diesel engine.

CPPG Advanced+

A sound proofed generator with the same features as the Advanced range, the CPPG 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	CPPG INVERTER				CPPG STANDARD			
	CPPG2i CPPG2iW	CPPG3i CPPG3iW	CPPG2.3 CPPG2.5W	CPPG5 CPPG5.5W	CPPG5T	CPPG7 * CPPG7W	CPPG7T *	
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	CPPG PROFESSIONAL GASOLINE							CPPG PROFESSIONAL DIESEL				
	CPPG3P	CPPG3.5P	CPPG5P	CPPG6.5P	CPPG7.5P	CPPG8P	CPPW210	CPPG4P*	CPPG4.5P*	CPPG6P*	CPPG7P*	
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	CPPG ADVANCED GASOLINE						CPPG ADVANCED DIESEL				
	CPPG5A	CPPG6.5A	CPPG7.5A	CPPG8A	CPPG12A	CPPG14A	CPPG6A*	CPPG7A*	CPPG9A*	CPPG10A*	
Generator data											
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
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	CPPG ADVANCED+ GASOLINE			CPPG ADVANCED+ DIESEL				
	CPPG12AS	CPPG14AS	CPPG4AS	CPPG6AS	CPPG7AS	CPPG9AS	CPPG10AS	
Generator data								
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	cm ³	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
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
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	
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 m ²	** 4000 m ²	*** 5000 m ²	** 4000 m ²	** 5000 m ²	** 5000 m ²	** 3000 m ²	** 2000 m ²	*** 2000 3000 m ²
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	** 5000 hrs	** 6000 hrs	*** 50000 hrs	** 6000 hrs	** 6000 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

