

# Power and Light solutions

MEE market



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 <sup>(1)</sup>
- Auxiliary winding for high performance starting capability <sup>(3)</sup>

## Available Options:

- Additional fuel filter with water separator <sup>(2)</sup>
- 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 <sup>(3)</sup>
- Oil sump pump <sup>(3)</sup>
- Communication modules
- Paralleling and synchronizing controller (from 200 kVA)
- DSE 730 Advance digital controller for remote and local start applications <sup>(4)</sup>

<sup>(1)</sup> Optional between 60kVA and 125kVA

<sup>(3)</sup> Optional between 30kVA and 125kVA

<sup>(2)</sup> Standard between 60kVA and 125kVA

<sup>(4)</sup> Standard from 200kVA

CPSG		CPSG9	CPSG14   CPSG13	CPSG20   CPSG18	CPSG30	CPSG40	CPSG60	CPSG80	CPSG100	CPSG125	CPSG155   CPSG140
<b>Performance Data</b>											
Rated frequency	Hz	50   60	50   60	50   60	50	50	50	50	50	50	50   60
Rated voltage*	V	400/230   220/127	400/230   220/127	400/230   220/127	400/230	400/230	400/230	400/230	400/230	400/230	400/230   480/277
Prime power	kVA	9   11	13,6   16	20   23	32	37,2	60	90	100	125	157   171
Standby power	kVA	10   12,6	16   18,8	21,5   23,6	33	45	63,5	95,8	112	135	173   188
<b>Fuel Consumption</b>											
Fuel tank capacity / with optional long autonomy fuel tank	l	55 / 250	55 / 250	55 / 250	116	116	104	225	225	225	375 / 950
Fuel consumption at 75% PRP	l/h	2,1   2,4	2,8   3,4	3,9   4,8	5,8	6,4	10,1	14,3	16,6	20,0	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	20	18,1	10,3	15,7	13,6	11,3	14/37   12/30
<b>Engine</b>											
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
Speed	rpm	1500   1800	1500   1800	1500   1800	1500	1500	1500	1500	1500	1500	1500   1800
Speed control		Mechanical	Electronic	Electronic	Mechanical	Electronic	Electronic	Electronic	Electronic	Electronic	Mechanical
<b>Alternator</b>											
Model		ECP3-1L/4A	ECP3-3L/4	ECP28-M/4A	ACA180E	ACA180G	ACA225D	ACA225G	ACA270B	ACA270C	ECP34-2L/4
Excitation type / AVR model		MAUX / DSR	MAUX / DSR	MAUX / DSR	Shunt/SX460	Shunt/SX460	Shunt/SX460	Shunt/SX460	Shunt/SX460	Shunt/SX460	MAUX / DSR
<b>Noise level</b>											
Sound power level (LwA)	dB(A)	86   88	90   92	88   91	93	94	94	94	93	93	94   97
Sound pressure level (LpA)	dB(A) at 7 m	59   61	63   65	61   64	67	66	68	68	70	74	68   71
<b>Weight and dimensions</b>											
Length	mm	1750	1750	1750	2225	2225	2280	2910	2910	2910	3265 / 3350
Width	mm	840	840	840	970	970	980	1120	1120	1120	1150
Height (Standard / optional long autonomy fuel tank)	mm	1155 / 1475	1155 / 1475	1155 / 1475	1185	1185	1265	1685	1685	1685	1860 / 2226
Weight (Standard / optional long autonomy fuel tank)	kg	590 / 700	670 / 780	710 / 820	905	905	1175	1530	1580 kg	1680 kg	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
<b>Performance Data</b>											
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
<b>Fuel Consumption</b>											
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
<b>Engine</b>											
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
<b>Alternator</b>											
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
<b>Noise level</b>											
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)	dB(A) at 7 m	71   74	72   75	72   75	73   76	73   76	76   79	76   79	76   79	76   79	76   79
<b>Weight and dimensions</b>											
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.





Chicago Pneumatic



**CPPG2.3**

OPERATION MANUAL  
READ BEFORE USE



AC OUTPUT  
DC OUTPUT



# 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   CPPP2.5W	CPPG5   CPPG5.5W	CPPG5T	CPPG7   * CPPG7W	CPPG7T *	
<b>Generator data</b>								
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
<b>Alternator</b>								
Power	kVA	2	3	2,5	5   5,5	6,3	6   6,5	7,5
<b>Noise level</b>								
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		500	580	590	675	675	680	680
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*	
<b>Generator data</b>												
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
<b>Alternator</b>												
Power	kVA	2,7	3	4,2	7	6	7	6,5	4,2   7	7	5   6,5	7
<b>Noise level</b>												
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		623	623	729	729	729	729	875	760	760	760	760
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*	
<b>Generator data</b>											
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											

<b>Engine</b>											
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
<b>Alternator</b>											
Power	kVA	4,2	7	6	7	10	11,5	5	6	8	10
<b>Noise level</b>											
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
<b>Weight and dimensions</b>											
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	
<b>Generator data</b>								
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								
<b>Engine</b>								
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 <sup>3</sup>	688	688	320	435	435	654	654
Starter type		Electric	Electric	Electric	Electric	Electric	Electric	Electric
<b>Alternator</b>								
Power	kVA	9,5	11,5	4,1	6   6,5	6	8   10	10
<b>Noise level</b>								
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
<b>Weight and dimensions</b>								
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	CPTL V15 LED	CPTL V15 K LED	CPTL V15	CPTL V15 K	CPTL V15W	CPTL V15W K
<b>Performance data</b>									
Rated frequency	Hz	50	50   60	50   60		50   60		50   60	
Rated voltage	VAC	230	230   120	230   120		230   120		230   120	
Rated power (PRP)	kW	2,7	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 / 49	-25 / >50	-25 / 50	-25 / >50
Sound power level (LwA)	dB(A)	90	82	86		92   94	98   102	87   89	91   93
Sound pressure level (LpA)	dB(A) at 7 m	65	55	63		71   73		63   64	66   71
<b>Engine</b>									
Model		Hatz 1 B	Kubota Z482	Kubota Z482	Kohler KDW702	Kubota Z482	Kohler KDW702	Kubota D1105	Kohler KDW1003
Speed	rpm	1500	1500   1800	1500   1800		3000   3600		1500   1800	
Rated net output (PRP)	kW	3,5	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	
Number of cylinders		1	2	2		2		3	
Engine Exhaust Regulation		Stage V	Stage V	Stage V, non Regulated		Stage V, non Regulated		Stage V, non Regulated	
<b>Alternator</b>									
Model		Linz E1C13S A/4	Meccalte LT3/75	Meccalte LT3/75		Sincro EK 2 MCT		CPDP06/AG164	
Rated output	kVA	5,5	3,5   4,5	3,5   4,5		6   7,5		6   8	
Insulation / Enclosure protection	class/IP	H / 21	H / 21	H / 21		H / 23		H / 23	
<b>Consumption</b>									
Fuel tank capacity	l	120	125	110		110		160	
Fuel autonomy	h	185	185	150	135   120	57   50	50   45	90	95
<b>Power output</b>									
Auxiliary power	kW	1,2	1,2	1		1,4   2		2	
<b>Lights</b>									
Floodlights		LED	LED	LED		Metal halide		Metal halide	
Wattage	W	4 x 350	4 x 350	4 x 350		4 x 1000		4 x 1000	
<b>Mast</b>									
Type		Hydraulic	Hydraulic	Manual vertical, 5 section		Manual vertical, 5 section		Manual vertical, 5 section	
Rotation	degrees	340	340	360		360		360	
Maximum height	mm	8000	8000	7500		7500		7500	
Maximum wind speed	km/h	80	80	80		80		80	
<b>Enclosure and trailer</b>									
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							
Enclosure		Galvanized steel canopy and powder			Gull-wing Red Rock doors				
<b>Dimensions inc. Transport fix towbar and weight</b>									
Length*	mm	2300	1160	1670		1670		1800	
Width*	mm	1280	1160	1100		1100		1350	
Height*	mm	2485	2500	2500		2500		2970	
Weight*	kg	1050	980	702		694		826	

\*Approx. dimensions and weight. Might differ.





LIGHT TOWER		CPLB 3 LED	CPLT P2 LED	CPLT V2 LED / V3 LED
<b>Performance data</b>				
Rated frequency	Hz	50	50	50
Rated voltage	VAC	230	230	230
<b>Lights</b>				
Floodlights		LED	LED	LED
Wattage	W	4 x 160   1 x 500W Balloon	320	320   4 x 120
<b>Mast</b>				
Type		Manual	Manual	Manual
Rotation	degrees	0	0	0
Maximum height	mm	7000	3500	5500
Maximum wind speed	km/h	80	50	80
<b>Enclosure and trailer</b>				
Trailer		-	-	Heavy Duty Trailer with bumpers in PE
Enclosure		Red rock canopy	-	-
<b>Dimensions inc. Transport fix towbar and weight</b>				
Length*	mm	1200	500	1100
Width*	mm	800	500	850
Height*	mm	2140	2200	2000
Weight*	kg	250	45	110
<b>Variants</b>				
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 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
<b>Fuel efficiency</b>	** 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
<b>Area coverage</b>	*** 4000 m2	*** 5000 m2	*** 4000 m2	*** 5000 m2	*** 5000 m2	** 3000 m2	** 2000 m2	** 2000   3000 m2
<b>Safety features</b>	** Manual vertical mast	** Manual vertical mast	*** Manual vertical mast	*** Hydraulic vertical mast	*** Hydraulic vertical mast	** Manual vertical mast	** Manual vertical mast	** Manual vertical mast
<b>Lamps durability</b>	** 6000 hrs	*** 50000 hrs	** 6000 hrs	** 6000 hrs	*** 50000 hrs	** 50000 hrs	** 50000 hrs	** 50000 hrs
<b>Transport efficiency</b>	** 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
<b>Extra features</b>	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



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