

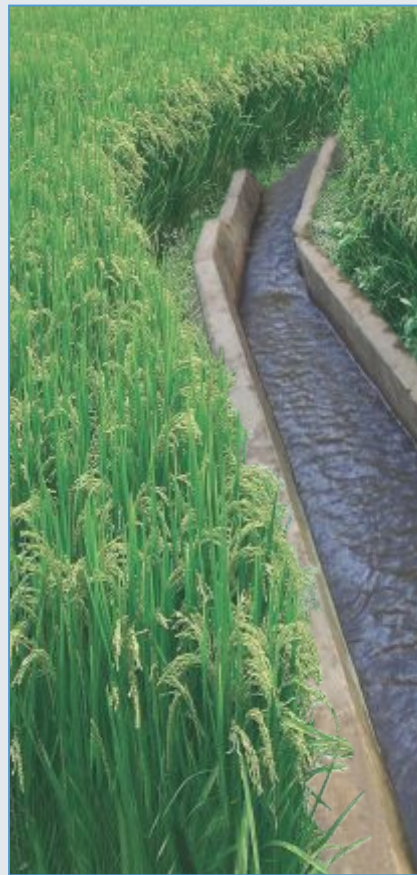


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Anywhere...



**ENGINE PUMPS & PORTABLE GENERATORS
(PETROL & DIESEL)**

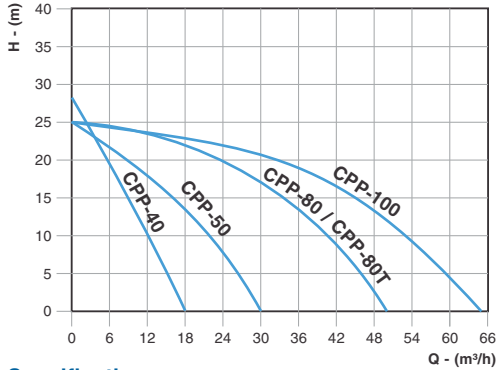


* For specific models only.

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PETROL ENGINE DRIVEN PUMPS

Performance Curves



CPP-80T

Specifications

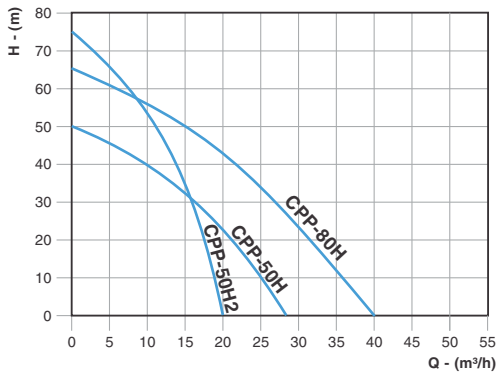
MODEL	WATER PUMP				TRASH PUMP
	CPP-40	CPP-50	CPP-80	CPP-100	CPP-80T
Inlet/Outlet dia inch	1½	2	3	4	3
Max. Flow m³/h	18	30	50	65	50
Max. Head m	28	25	25	25	25
Engine Speed rpm	3600	3600	3600	3600	3600
Displacement cc	87	163	163	270	200
Max Suction Head m	8	8	8	8	8
Self-Priming time S/4m	80	70	120	180	50
Max. Output HP	2.65	5.5	5.5	9.0	6.5
Fuel Tank Capacity L	2	3.6	3.6	6	3.6
Oil Tank Capacity	0.4	0.6	0.6	1.1	0.6
Approx. Fuel Consumption (L/Hr)	0.81	1.59	1.59	2.47	1.75
Net Weight kg	16.5	23	25	41.7	35
Dimensions (l x b x h) mm	435 x 330 x 315	445 x 375 x 375	510 x 375 x 435	610 x 480 x 535	545 x 435 x 460

Single Cylinder, Air Cooled, 4 Stroke Petrol Engine with Casted Aluminum pump body & Cast Iron Impeller

Optional : Electric start (Suffix letter "E" with model name for electric start models). Max. solid passage for TRASH PUMP is 20 mm.

HIGH PRESSURE PETROL ENGINE PUMPS

Performance Curves



Specifications

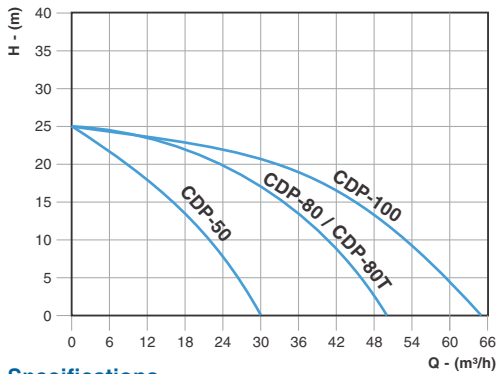
MODEL	CPP-50H	CPP-50H2	CPP-80H
Inlet/Outlet dia inch	2	2	3
Max. Flow m³/h	28	20	40
Max. Head m	50	75	65
Engine Speed rpm	3600	3600	3600
Displacement cc	196	196	389
Max Suction Head m	8	8	8
Self-Priming time S/4m	30	30	30
Max. Output HP	6.5	6.5	13
Fuel Tank Capacity L	3.6	3.6	6
Oil Tank Capacity	0.6	0.6	1.1
Approx. Fuel Consumption (L/Hr)	1.75	1.75	3.17
Net Weight kg	27	28.5	44
Dimensions (l x b x h) mm	510 x 420 x 445	510 x 420 x 445	610 x 480 x 535

Single Cylinder, Air Cooled, 4 Stroke Petrol Engine with Casted Aluminum pump body & Cast Iron Impeller

Optional : Electric start (Suffix letter "E" with model name for electric start models).

DIESEL ENGINE DRIVEN PUMPS

Performance Curves



CDP-80T

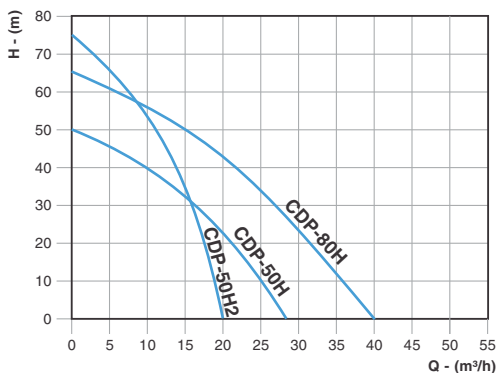
Specifications

MODEL	WATER PUMP			TRASH PUMP
	CDP-50	CDP-80	CDP-100	CDP-80T
Inlet/Outlet dia inch	2	3	4	3
Max. Flow m ³ /h	30	50	65	50
Max. Head m	25	25	25	25
Engine Speed rpm	3600	3600	3600	3600
Displacement cc	211	296	406	296
Max Suction Head m	8	8	8	8
Self-Priming time S/4m	70	120	180	50
Max. Output HP	4.2	6.0	10.0	6.0
Fuel Tank Capacity L	2.5	3.5	5.5	3.5
Oil Tank Capacity	0.75	1.11	1.65	1.11
Approx. Fuel Consumption (L/Hr)	0.93	1.34	2	1.34
Net Weight kg	38	45	67	48
Dimensions (l x b x h) mm	475 x 400 x 500	540 x 440 x 510	645 x 475 x 605	590 x 450 x 530

Single Cylinder, Air Cooled, Direct Injection type, 4 Stroke Diesel Engine with Casted Aluminum pump body & Cast Iron Impeller
Optional : Electric start (Suffix letter "E" with model name for electric start models). Max. solid passage for TRASH PUMP is 20 mm.

HIGH PRESSURE DIESEL ENGINE PUMPS

Performance Curves



Specifications

MODEL	CDP-50H	CDP-50H2	CDP-80H
Inlet/Outlet dia inch	2	2	3
Max. Flow m ³ /h	28	20	40
Max. Head m	50	75	65
Engine Speed rpm	3600	3600	3600
Displacement cc	296	296	406
Max Suction Head m	8	8	8
Self-Priming time S/4m	30	30	30
Max. Output HP	6	6	10
Fuel Tank Capacity L	3.5	3.5	5.5
Oil Tank Capacity	1.11	1.11	1.65
Approx. Fuel Consumption (L/Hr)	1.34	1.34	2
Net Weight kg	45	46	62
Dimensions (l x b x h) mm	540 x 440 x 540	540 x 440 x 540	645 x 475 x 605

Single Cylinder, Air Cooled, Direct Injection type, 4 Stroke Diesel Engine with Casted Aluminum pump body & Cast Iron Impeller
Optional : Electric start (Suffix letter "E" with model name for electric start models).

In view of continuous development, the information / descriptions / specifications / illustrations are subject to change without notice.

PORTABLE PETROL GENERATORS



Specifications

Single Phase Generators

MODEL		50Hz 60Hz	CP-06-5 CP-08-6	CP-09-5 CP-10-6	CP-20-5* CP-23-6*	CP-23-5* CP-25-6*	CP-25-5* CP-28-6*	CP-30-5* CP-33-6*	CP-40-5* CP-45-6*	CP-50-5* CP-55-6*	CP-60-5* CP-65-6*	CP-85-5E CP-95-6E											
ALTERNATOR	Type	Single Phase Petrol Generators																					
	Rated AC Voltage (V)	1Ph, Single Voltage: 110, 115, 120, 220, 230, 240; 1Ph, Dual Voltage: 110/220, 115/230, 120/240																					
	Frequency (Hz)	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60		
	Rated Power (kW)	0.65	0.8	0.9	1.0	2.0	2.3	2.3	2.5	2.5	2.8	3.0	3.3	4.0	4.5	5.0	5.5	6.0	6.5	8.5	9.5		
	Rated Power (KVA)	0.65	0.8	0.9	1.0	2.0	2.3	2.3	2.5	2.5	2.8	3.0	3.3	4.0	4.5	5.0	5.5	6.0	6.5	8.5	9.5		
	Max Power (KVA)	0.72	0.88	1.0	1.1	2.3	2.5	2.5	2.8	2.8	3.1	3.3	3.8	4.5	5.0	5.5	6.0	6.5	7.0	9.5	10.5		
	Power Factor	1		1		1		1		1		1		1		1		1		1			
DC Output (V)	12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A				
PETROL ENGINE	Engine Model	PE-063		PE-87		PE-200		PE-200		PE-210		PE-270		PE-390		PE-390		PE-420		PE-620			
	Engine Type	2 Stroke		4 Stroke		4 Stroke		4 Stroke		4 Stroke		4 Stroke		4 Stroke		4 Stroke		4 Stroke		Double Cylinder			
	Displacement (cc)	63cc		87cc		196cc		196cc		208cc		270cc		389cc		389cc		420cc		614cc			
	Speed (rpm)	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600		
	Output (HP)	1.5		2.3		6.5		6.5		7		9		13		13		16		20			
	Starting System	Recoil				Recoil / Electric																Electric	
	Oil Tank Capacity (L)	/		0.4		0.6		0.6		0.6		1.1		1.1		1.1		1.1		1.4			
UNIT	Fuel Tank Capacity (L)	4.2		5.2		15		15		15		25		25		25		25		25			
	Fuel Consumption (L/Hr)	0.8	0.7	1.2	1	1.8	1.5	2	1.6	2.1	1.7	2.3	1.9	3.2	2.7	3.6	3	3.8	3.2	6	5		
	Noise Level @7m (dB/A)	≤ 65		≤ 65		≤ 67		≤ 68		≤ 68		≤ 72		≤ 75		≤ 75		≤ 76		≤ 77			
	Dimensions(LxWxH)mm	370x315x310		465x375x380		590x433x483		590x433x483		685x512x550		685x512x550		685x512x550		685x512x550		685x512x550		930x555x580			
	Weight (kg)	18.5		25.8		43.5		44.5		49		68		78		79.5		87		139			

Note : " * " Models can also be supplied with electric start system on request. Suffix letter "E" for electric start models.

Model name Ends with "C" denotes single phase canopy type, "CT" denotes three phase canopy type & "T" denotes three phase open type.

In view of continuous development, the information / descriptions / specifications / illustrations are subject to change without notice.

PORTABLE PETROL GENERATORS



Specifications

Single / Three Phase Generators

MODEL	50Hz 60Hz	CP-45-5C CP-50-6C	CP-55-5C CP-60-6C	CP-85-5C CP-95-6C	CP-30-5T* CP-33-6T*	CP-40-5T* CP-45-6T*	CP-50-5T* CP-55-6T*	CP-60-5T* CP-65-6T*	CP-85-5ET CP-95-6ET	CP-45-5CT CP-50-6CT	CP-55-5CT CP-60-6CT	CP-85-5CT CP-95-6CT											
ALTERNATOR	Type	Single Phase Petrol Generators						Three Phase Petrol Generators															
	Rated AC Voltage (V)	1Ph : 110, 115, 120, 220, 230, 240						3Ph, Dual Voltage: 220/380															
	Frequency (Hz)	50	60	50	60	50	60	50	60	50	60	50	60										
	Rated Power (kW)	4.5	5.0	5.5	6.0	8.5	9.5	3.0	3.2	4.0	4.5	5.0	4.5	6.0	6.5	8.5	9.5	4.5	5.0	5.5	6.0	8.5	9.5
	Rated Power (KVA)	4.5	5.0	5.5	6.0	8.5	9.5	3.7	4.1	5	5.6	6.2	6.9	7.5	8.1	10.6	11.9	5.6	6.2	6.9	7.5	10.6	11.9
	Max Power (KVA)	5.0	5.5	6.0	6.6	9.5	10.5	4.1	4.5	5.6	6.2	6.9	7.6	8.1	8.9	11.9	13.1	6.2	6.8	7.5	8.2	11.9	13.1
	Power Factor	1		1		1		0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8	
DC Output (V)	12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		
PETROL ENGINE	Engine Model	PE-390		PE-420		PE-620		PE-270		PE-390		PE-390		PE-420		PE-620		PE-390		PE-420		PE-620	
	Engine Type	4 Stroke		4 Stroke		Double Cylinder		4 Stroke		4 Stroke		4 Stroke		4 Stroke		Double Cylinder		4 Stroke		4 Stroke		Double Cylinder	
	Displacement (cc)	389cc		420cc		614cc		270cc		389cc		389cc		420cc		614cc		389cc		420cc		614cc	
	Speed (rpm)	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600
	Output (HP)	13		16		20		9		13		13		16		20		13		16		20	
	Starting System	Electric						Recoil / Electric						Electric									
	Oil Tank Capacity (L)	1.1		1.1		1.4		1.1		1.1		1.1		1.1		1.4		1.1		1.1		1.4	
UNIT	Fuel Tank Capacity (L)	15		15		25		25		25		25		25		25		15		15		25	
	Fuel Consumption (L/Hr)	3.4	2.9	3.7	3.1	6	5	2.3	1.9	3.2	2.7	3.6	3	3.8	3.2	6	5	3.4	2.9	3.7	3.1	6	5
	Noise Level @7m (dB/A)	≤ 69		≤ 69		≤ 66		≤ 72		≤ 75		≤ 75		≤ 76		≤ 77		≤ 69		≤ 69		≤ 66	
	Dimensions(LxWxH)mm	1000x520x740		1000x520x740		980x630x830		685x512x550		685x512x550		685x512x550		685x512x550		930x555x580		1000x520x740		1000x520x740		980x630x830	
	Weight (kg)	168		168		200		68		78		79.5		87		139		168		168		200	

Note : " * " Models can also be supplied with electric start system on request. Suffix letter "E" for electric start models.

Model name Ends with "C" denotes single phase canopy type, "CT" denotes three phase canopy type & "T" denotes three phase open type.

In view of continuous development, the information / descriptions / specifications / illustrations are subject to change without notice.

PORTABLE DIESEL GENERATORS



Specifications

Single Phase Generators

MODEL	50Hz 60Hz	CD-17-5* CD-20-6*	CD-30-5* CD-33-6*	CD-42-5* CD-46-6*	CD-46-5* CD-50-6*	CD-100-5E CD-110-6E	CD-30-5C CD-33-6C	CD-42-5C CD-45-6C	CD-46-5C CD-50-6C	CD-100-5C CD-110-6C											
GENERATOR	Type	Single Phase Diesel Generators																			
	Rated AC Voltage (V)	110; 115; 120; 220; 230; 240; 110/220; 115/230; 120/240																			
	Frequency (Hz)	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60
	Rated power (kW)	1.7	2.0	3.0	3.3	4.2	4.6	4.6	5.0	10	10	3.0	3.3	4.2	4.5	4.6	5.0	10	10		
	Rated power (KVA)	1.7	2.0	3.0	3.3	4.2	4.6	.6	5.0	10	10	3.0	3.3	4.2	4.5	4.6	5.0	10	10		
	Max. power (KVA)	1.9	2.2	3.3	3.6	4.6	5.0	5.0	5.5	11	11	3.3	3.6	4.6	5.0	5.0	5.5	11	11		
	Power factor (CosØ)	1.0																			
	DC Voltage (V)	12																			
	DC Current (A)	8.3																			
	Excitation	Self-excitation voltage																			
Insulation	B																				
DIESEL ENGINE	Engine model	DE-210		DE-300		DE-410		DE-420		DE-950		DE-300		DE-410		DE-420		DE-950			
	Type	Single-cylinder, vertical, 4-stroke, air-cooled, direct injection								Double cylinder		Single-cylinder, vertical, 4-stroke, air-cooled, direct injection						Double cylinder			
	Output Continuous (HP/rpm)	3.4	3.8	5.0	5.5	7.8	8.6	7.8	8.6	20	5.0	5.5	7.8	8.6	7.8	8.6	7.8	8.6	20		
	Bore x Stroke (mm)	70 x 55		78 x 62		86 x 70		86 x 70		90 x 75		78 x 62		86 x 72		86 x 72		90 x 75			
	Displacement (cc)	211		296		406		418		954		296		406		418		954			
	Speed (rpm)	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600
	Cooling System	Forced air cooling by flywheel fan																			
	Lubricating System	Pressure splash, duplex type lubrication																			
	Lube-oil Capacity (L)	0.75		1.1		1.65		1.65		3		1.1		1.65		1.65		3			
	Starting System	Recoil / Electric								Electric											
UNIT	Fuel Tank Capacity (L)	12.5		12.5		12.5		12.5		25		16		16		16		53			
	Fuel Consumption (L/Hr)	0.9	0.8	1.4	1.1	2	1.7	2.1	1.8	4.2	3.2	1.4	1.1	2	1.7	2.1	1.8	4.2	3.2		
	Noise Level @7m (dB/A)	≤79		≤80		≤82		≤82		≤82		≤70		≤71		≤71		≤69			
	Dry Weight (kg)	50		60		79		88		170		130		145		150		295			
	Dimensions (LxWxH) (mm)	610x450x495		680x455x535		740x475x580		740x475x580		900x568x695		840x530x745		920x530x745		920x530x745		900x568x695			

Note : " * " Models can also be supplied with electric start system on request. Suffix letter "E" for electric start models.

Model name Ends with "C" denotes single phase canopy type, "CT" denotes three phase canopy type & "T" denotes three phase open type.

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PORTABLE DIESEL GENERATORS



Specifications

Three Phase Generators

MODEL	50Hz 60Hz	CD-30-5T* CD-33-6T*	CD-42-5T* CD-46-6T*	CD-46-5T* CD-50-6T*	CD-100-5ET* CD-110-6ET*	CD-30-5CT CD-33-6CT	CD-42-5CT CD-45-6CT	CD-46-5CT CD-50-6CT	CD-100-5C CD-110-6C							
Type	Three Phase Diesel Generators															
Rated AC Voltage (V)	220 / 380															
Frequency (Hz)	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60
Rated power (kW)	3.0	3.3	4.2	4.6	4.6	5.0	10.0	11.0	3.0	3.3	4.2	4.5	4.6	5.0	10.0	11.0
Rated power (KVA)	3.7	4.1	5.2	5.7	5.7	6.2	12.5	12.5	3.7	4.1	5.2	5.6	5.7	6.2	12.5	12.5
Max. power (KVA)	4.1	4.5	5.7	6.2	6.2	6.8	13.7	13.7	4.1	4.5	5.7	6.2	6.2	6.8	13.7	13.7
Power factor (CosØ)	0.8															
DC Voltage (V)	12															
DC Current (A)	8.3															
Excitation	Self-excitation voltage															
Insulation	B															
Engine model	DE-300		DE-410		DE-420		DE-950		DE-300		DE-410		DE-420		DE-950	
Type	Single-cylinder, vertical, 4-stroke, air-cooled, direct injection						Double cylinder		Single-cylinder, vertical, 4-stroke, air-cooled, direct injection						Double cylinder	
Output Continuous (HP/rpm)	5.0	5.5	7.8	8.6	7.8	8.6	20		5.0	5.5	7.8	8.6	7.8	8.6	20	
Bore x Stroke (mm)	78 x 62		86 x 70		86 x 70		90 x 75		78 x 62		86 x 70		86 x 72		90 x 75	
Displacement (cc)	296		406		418		954		296		406		418		954	
Speed (rpm)	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600
Cooling System	Forced air cooling by flywheel fan															
Lubricating System	Pressure splash, duplex type lubrication															
Lube-oil Capacity (L)	1.1		1.65		1.65		3		1.1		1.65		1.65		3	
Starting System	Recoil / Electric						Electric									
Fuel Tank Capacity (L)	12.5		12.5		12.5		25		16		16		16		53	
Fuel Consumption (L/Hr)	1.4	1.1	2	1.7	2.1	1.8	4.2	3.2	1.4	1.1	2	1.7	2.1	1.8	4.2	3.2
Noise Level @7m (dB/A)	≤80		≤82		≤82		≤82		≤70		≤71		≤71		≤69	
Dry Weight (open) (kg)	60		79		88		170		130		145		150		295	
Dimensions (LxWxH) (mm)	680x455x535		740x475x580		740x475x580		900x568x695		840x530x745		920x530x745		920x530x745		900x568x695	

Note : " * " Models can also be supplied with electric start system on request. Suffix letter "E" for electric start models.

Model name Ends with "C" denotes single phase canopy type, "CT" denotes three phase canopy type & "T" denotes three phase open type.

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GENERATOR LOAD CAPACITY**Amps Rating on Various Voltage Conditions****Petrol Generators**

50Hz Model	Rated Amps for 50Hz 1Ph Genset						Rated Amps for 50Hz 3Ph Genset		60Hz Model	Rated Amps for 60Hz 1Ph Genset						Rated Amps for 60Hz 3Ph Genset	
	110V	115V	120V	220V	230V	240V	220V	380V		110V	115V	120V	220V	230V	240V	220V	380V
CP-06-5	5.91	5.65	5.42	2.95	2.83	2.71	\	\	CP-08-6	6.55	6.26	6.00	3.27	3.13	3.00	\	\
CP-09-5	8.18	7.83	7.50	4.09	3.91	3.75	\	\	CP-10-6	9.09	8.70	8.33	4.55	4.35	4.17	\	\
CP-20-5	18.18	17.39	16.67	9.09	8.70	8.33	\	\	CP-23-6	20.91	20.00	19.17	10.45	10.00	9.58	\	\
CP-20-5E	18.18	17.39	16.67	9.09	8.70	8.33	\	\	CP-23-6E	20.91	20.00	19.17	10.45	10.00	9.58	\	\
CP-23-5	20.91	20.00	19.17	10.45	10.00	9.58	\	\	CP-25-6	22.73	21.74	20.83	11.36	10.87	10.42	\	\
CP-23-5E	20.91	20.00	19.17	10.45	10.00	9.58	\	\	CP-25-6E	22.73	21.74	20.83	11.36	10.87	10.42	\	\
CP-25-5	22.73	21.74	20.83	11.36	10.87	10.42	\	\	CP-28-6	25.45	24.35	23.33	12.73	12.17	11.67	\	\
CP-25-5E	22.73	21.74	20.83	11.36	10.87	10.42	\	\	CP-28-6E	25.45	24.35	23.33	12.73	12.17	11.67	\	\
CP-30-5	27.27	26.09	25.00	13.64	13.04	12.50	7.87	4.56	CP-33-6	30.00	28.70	27.50	15.00	14.35	13.75	8.67	5.02
CP-30-5E	27.27	26.09	25.00	13.64	13.04	12.50	7.87	4.56	CP-33-6E	30.00	28.70	27.50	15.00	14.35	13.75	8.67	5.02
CP-40-5	36.36	34.78	33.33	18.18	17.39	16.67	10.50	6.08	CP-45-6	40.91	39.13	37.50	20.45	19.57	18.75	11.81	6.84
CP-40-5E	36.36	34.78	33.33	18.18	17.39	16.67	10.50	6.08	CP-45-6E	40.91	39.13	37.50	20.45	19.57	18.75	11.81	6.84
CP-50-5	45.45	43.48	41.67	22.73	21.74	20.83	13.12	7.60	CP-55-6	50.00	47.83	45.83	25.00	23.91	22.92	14.43	8.36
CP-50-5E	45.45	43.48	41.67	22.73	21.74	20.83	13.12	7.60	CP-55-6E	50.00	47.83	45.83	25.00	23.91	22.92	14.43	8.36
CP-60-5	54.55	52.17	50.00	27.27	26.09	25.00	15.75	9.12	CP-65-6	59.09	56.52	54.17	29.55	28.26	27.08	17.06	9.88
CP-60-5E	54.55	52.17	50.00	27.27	26.09	25.00	15.75	9.12	CP-65-6E	59.09	56.52	54.17	29.55	28.26	27.08	17.06	9.88
CP-85-5E	77.27	73.91	70.83	38.64	36.96	35.42	22.31	12.91	CP-95-6E	86.36	82.61	79.17	43.18	41.30	39.58	24.93	14.43
CP-85-5C	77.27	73.91	70.83	38.64	36.96	35.42	22.31	12.91	CP-95-6C	86.36	82.61	79.17	43.18	41.30	39.58	24.93	14.43
CP-45-5C	40.91	39.13	37.50	20.45	19.57	18.75	11.81	6.84	CP-50-6C	45.45	43.48	41.67	22.73	21.74	20.83	13.12	7.60
CP-55-5C	50.00	47.83	45.83	25.00	23.91	22.92	14.43	8.36	CP-60-6C	54.55	52.17	50.00	27.27	26.09	25.00	15.75	9.12

Pls. mention required output voltage while placing order.

Amps Rating on Various Voltage Conditions**Diesel Generators**

50Hz Model	Rated Amps for 50Hz 1Ph Genset						Rated Amps for 50Hz 3Ph Genset		60Hz Model	Rated Amps for 60Hz 1Ph Genset						Rated Amps for 60Hz 3Ph Genset	
	110V	115V	120V	220V	230V	240V	220V	380V		110V	115V	120V	220V	230V	240V	220V	380V
CD-17-5	15.45	14.78	14.17	7.73	7.39	7.08	\	\	CD-20-6	18.18	17.39	16.67	9.09	8.70	8.33	\	\
CD-30-5	27.27	26.09	25.00	13.64	13.04	12.50	7.87	4.56	CD-33-6	30.00	28.70	27.50	15.00	14.35	13.75	8.67	5.02
CD-42-5	38.18	36.52	35.00	19.09	18.26	17.50	11.02	6.38	CD-46-6	41.82	40.00	38.33	20.91	20.00	19.17	12.07	6.99
CD-46-5	40.91	39.13	37.50	20.45	19.57	18.75	11.81	6.84	CD-50-6	45.45	43.48	41.67	22.73	21.74	20.83	13.12	7.60
CD-30-5C	27.27	26.09	25.00	13.64	13.04	12.50	7.87	4.56	CD-33-6C	30.00	28.70	27.50	15.00	14.35	13.75	8.67	5.02
CD-42-5C	38.18	36.52	35.00	19.09	18.26	17.50	11.02	6.38	CD-45-6C	41.82	40.00	38.33	20.91	20.00	19.17	12.07	6.99
CD-46-5C	40.91	39.13	37.50	20.45	19.57	18.75	11.81	6.84	CD-50-6C	45.45	43.48	41.67	22.73	21.74	20.83	13.12	7.60
CD-100-5E	90.91	86.96	83.33	45.45	43.48	41.67	26.24	15.19	CD-110-6E	90.91	86.96	83.33	45.45	43.48	41.67	26.24	15.19
CD-100-5C	90.91	86.96	83.33	45.45	43.48	41.67	26.24	15.19	CD-110-6C	90.91	86.96	83.33	45.45	43.48	41.67	26.24	15.19

Pls. mention required output voltage while placing order.

AIR COOLED PETROL ENGINES

SINGLE CYLINDER



Features :

- | Air cooled, Four stroke, OHV, Single cylinder engine
- | Efficient air filter system
- | Compact and light weight
- | Both Recoil & Electric start models available
- | Easy to start, Smooth running & Low vibration

Specifications

MODEL	PE-160		PE-200		PE-210		PE-270		PE-390		PE-420	
Engine Speed rpm	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600
Rated Output HP	4.3		5.0		5.5		7.2		10.0		11.0	
Max. Output HP	5.5		6.5		7.0		9.0		13.0		16.0	
Max. Torque	10/2500		11/2500		12/2500		16.5/2500		22.5/2500		24.5/2500	
Displacement cc	163		196		208		270		389		420	
Bore x Stroke mm	68 x 45		68 x 54		70 x 54		77 x 58		88 x 64		90 x 66	
Fuel Tank Capacity L	3.6		3.6		3.6		6		6		6	
Lube Oil Capacity L	0.6		0.6		0.6		1.1		1.4		1.4	
Fuel Consumption (g/hp.hr)	294		294		294		278		278		276	
Dimension (l x b x h) mm	315 x 362 x 335		315 x 362 x 335		315 x 362 x 335		380 x 430 x 410		490 x 460 x 520		490 x 460 x 520	
Net Weight kg	14		16		16		25		31		31	

Optional : All above models are available with electric start system (Suffix letter "E" for Electric start models)

DOUBLE CYLINDER



Specifications

MODEL	PE-620	
Engine Speed rpm	3000	3600
Rated Output HP	17.0	
Max. Output HP	20.0	
Max. Torque	38.5/2500	
Displacement cc	614	
Bore x Stroke mm	77 x 66	
Fuel Tank Capacity L	7	
Lube Oil Capacity L	1.5	
Fuel Consumption (g/hp.hr)	276	
Dimension (l x b x h) mm	390 x 460 x 455	
Net Weight kg	43	

AIR COOLED DIESEL ENGINES

SINGLE CYLINDER



Features :

- I Air cooled, Direct injection, Four stroke, Single cylinder engine
- I Efficient air filter system
- I Compact and light weight
- I Both Recoil & Electric start models available
- I Easy to start, Smooth running & Low vibration

Specifications

OPEN TYPE

MODEL	DE-210		DE-220		DE-300		DE-310		DE-410		DE-420	
Engine Speed rpm	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600
Rated Output HP	3.4	3.8	3.4	3.8	5.0	5.4	5.0	5.4	7.7	8.6	7.7	8.6
Max. Output HP	3.8	4.2	3.8	4.2	5.5	6.0	5.5	6.0	8.6	10.0	8.6	10.0
Max. Torque	9.0/2400	8.4/2880	9.0/2400	8.4/2880	13.2/2400	11.9/2880	13.2/2400	11.9/2880	20.4/2400	18.8/2880	20.4/2400	18.8/2880
Displacement cc	211		219		296		306		406		418	
Bore x Stroke mm	70 x 55		70 x 57		78 x 62		78 x 64		86 x 70		86 x 72	
Fuel Tank Capacity L	2.5		2.5		3.5		3.5		5.5		5.5	
Lube Oil Capacity L	0.75		0.75		1.11		1.11		1.65		1.65	
Fuel Consumption(g/hp.hr)	205		205		205		205		205		205	
Dimension (l x b x h) mm	332 x 392 x 416		332 x 392 x 416		383 x 421 x 450		383 x 421 x 450		412 x 470 x 495		412 x 470 x 495	
Net Weight kg	27		27		33		33		48		48	

DOUBLE CYLINDER



Specifications

MODEL	DE-950	
Engine Speed rpm	3000	3600
Rated Output HP	17.0	
Max. Output HP	20.0	
Max. Torque	38.5/2880	
Displacement cc	954	
Bore x Stroke mm	90 x 75	
Fuel Tank Capacity L	7	
Lube Oil Capacity L	3	
Fuel Consumption (g/hp.hr)	200	
Dimension (l x b x h) mm	580 x 565 x 600	
Net Weight kg	81	

C.R.I. PUMPS (PVT) LIMITED

(International Division)

7/46-1, Keeranatham Road, Saravanampatty, Coimbatore - 641 035. India.

Tel : +91-422-3911610, 3911612. Fax : +91-422-3911600

e-mail : cri@criexports.com website: www.crigroups.com

C.R.I. BOMBAS HIDRÁULICAS LTDA

Av. Rodrigo Fernando Grillo, 457, Jd. Manacas,
CEP - 14.801-534, Araraquara - SP, Brasil.

Fone : +55-81-3093 9600, Fax +55-16-3331 5344

e-mail: cri@cribombas.com.br website: www.cribombas.com.br

Filial : Jaboatão dos Guararapes-PE. Fone : +55-16-81487012

C.R.I. PUMPS S.A. (PTY) LIMITED

P.O. Box 6292, Halfway House, Midrand - 1685, Johannesburg,
South Africa. Tel : +27-11-8058631 / 32 Fax : +27-11-8058630

e-mail: cri@cripumps.co.za website: www.cripumps.co.za

Branch : Capetown : + 27-21-931 2516

C.R.I. POMPA SANAYİ VE TİCARET LİMİTED ŞİRKETİ

10032 Sk. No:12 A.O.S.B. 35620 Çiğli-İzmir-Türkiye.

Tel:+90-232-328 22 99 Fax:+90-232-328 23 33

e-mail: cri@cripompa.com website: www.cripompa.com

C.R.I. PUMPS (Shanghai) Co., Ltd.

Building 53 (No. 17), 588 Yindu Road, Minhang District,
Shanghai, China. Tel : +8621-54405082,

Fax : +8621-54405083

e-mail : cri@bombascri.com.cn

website : www.bombascri.com.cn

BOMBAS C.R.I. ESPAÑA, S.L.

Poligono Industrail El.Bony Calle 31, No. 137, 46470
Catarroja (Valencia) Spain.

Tel: +34-96 1842 974 Fax: +34-96 1842 977.

E-mail: cri@bombascri.es

Website: www.bombascri.es

C.R.I. PUMPS (FZE)

P.O. Box 7988, A4-12 SAIF-Zone, Sharjah, U.A.E.

Tel : +971-6-5573041 (3 Lines),

Fax : +971-6-5573042

e-mail : cripumps@eim.ae



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