

### POWERED BY PORTABLE PETROL ENGINE

#### Features:

- Powerful commercial level WD+ 4-stroke gasoline engine with low vibration, low CO & NO emission
- Continuously supplying Clean & Pure Current
- Automatic low oil shutdown system to protect engine
- Wheel kit available for easy transportation
- All models equipped with AVR (Automatic Voltage regulator)
- Overload circuit breaker to protect generator and appliances



### SPECIFICATION&SELECTION SHEET

Model	WD2500P		WD2900P		WD3200P	
Frequency (Hz)	50	60	50	60	50	60
AC Voltage (v)	220	110/220	220	110/220	220	110/220
Rated AC Output (kw)	2.0	2.2	2.5	2.7	2.7	2.8
Max. Ac Output (kw)	2.2	2.5	2.7	2.9	3	3.1
DC output(v/a)	12/8.3					
Power Factor	1					
Over Current Protect	Yes					
Alternator type	Brush					
Voltage Regulator	AVR					
Engine	P168F		P168FB		P170F	
Engine Type	Air-cooled,4-stroke,Single Cylinder,OHV Gasoline Engine					
Displacement (cc)	163		196		208	
Max. Output (hp)	5.5		6.5/3600		7.0/3600	
Fuel Type	Petrol(Gasoline)					
Lubrication Oil	SAE10W/30					
Lubrication Oil Volume (L)	0.6					
Starting System	Standard:Recoil Start / Option:Electric Start					
Fuel Tank Capacity (L)	12.5		12.5		12.5	
Full load Continuous Work (h)	10		8		7	
1/2 load Continuous Work (h)	15		12		10	
Dim (LXWXH) (mm)	605X440X465		605X440X465		605X440X465	
Net Weight / Gross Weight (kg)	40/42		42/44		44/46	

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**SPECIFICATION&SELECTION SHEET**

Model	WD6000P		WD7000P		WD7500P	
Frequency (Hz)	50	60	50	60	50	60
AC Voltage (v)	220	110/220	220	110/220	220	110/220
Rated AC Output (kw)	5.0	5.5	6.0	6.5	6.3	7.0
Max. Ac Output (kw)	5.5	6.0	6.5	7.0	6.8	7.5
DC output(v/a)	12/8.3					
Power Factor	1					
Over Current Protect	Yes					
Alternator type	Brush					
Voltage Regulator	AVR					
Engine	P188F		P190F		P192F	
Engine Type	Air-cooled,4-stroke,Single Cylinder,OHV Gasoline Engine					
Displacement (cc)	389		420		438	
Max. Output (hp)	13		15/3600		18/3600	
Fuel Type	Petrol(Gasoline)					
Lubrication Oil	SAE10W/30					
Lubrication Oil Volume (L)	1.1					
Starting System	Standard:Recoil Start / Option:Electric Start					
Fuel Tank Capacity (L)	25		25		12.5	
Full load Continuous Work (h)	8	7	7	6.5	5.5	5
1/2 load Continuous Work (h)	12	11	11	10	10	9
Dim (LXWXH) (mm)	695X530X570		695X530X570		695X530X570	
Net Weight / Gross Weight (kg)	78/80		81/83		88/90	

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- Suit for 50% hardenite dirty water,mud slurry; such as building operation, emergency road repair exhaust and so on; also could use as clean water pump.



### SPECIFICATION&SELECTION SHEET

Model	WD50P	WD80P	WD100P
Type	Self-priming,Centrifugal Pump		
Inlet (mm)	50(2inch)	80(3inch)	100(4inch)
Outlet (mm)	50(2inch)	80(3inch)	100(4inch)
Potate Speed (rpm)	3600		
Max. Lift Head (m)	30	30	25
Max. Flow (l/h)	27000(27M <sup>3</sup> /H)	60000(60M <sup>3</sup> /H)	80000(80M <sup>3</sup> /H)
Suction (m)	7		
Engine Model	P168F	P168F-II	P188F
Engine Type	Single-cylinder,Air-cooled,4-stroke,OHV Petrol Engine		
Displacement Capacity	163	208	389
Max.Output (hp)	5.5	6.5	13
Fuel tank Capacity (L)	3.6	3.6	6.5
Lubrication Oil	SAE10W/30	SAE10W/30	SAE10W/30
Lubrication Oil Volume(L)	0.6	0.6	1.1
Starting System	Standard:Recoil Start / Option:Electric Start		
Dim (LXWXH) (mm)	485X390X420	515X390X445	630X455X500
Net Weight / Gross Weight (kg)	25/27	27/29	44/46

### POWERED BY PORTABLE DIESEL ENGINE

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### SPECIFICATION&SELECTION SHEET

Model	WD2200D		WD3200D		WD5500D	
Frequency (Hz)	50	60	50	60	50	60
AC Voltage (v)	220	110/220	220	110/220	220	110/220
Rated AC Output (kw)	1.8	2.0	2.8	3.0	4.5	5.0
Max. Ac Output (kw)	2.0	2.2	3.0	3.2	5.0	5.5
DC output(v/a)	12/8.3					
Power Factor	1					
Over Current Protect	Yes					
Alternator type	Brush					
Voltage Regulator	AVR					
Engine	P170F		P178F		P186F	
Engine Type	Air-cooled,4-stroke,Single Cylinder,Diesel Engine					
BorexStroke	70x55		78x62		86x72	
Displacement (cc)	211		305		418	
Max. Output (hp)	4.2/3600		6.0/3600		10.0/3600	
Fuel Type	0# or -10# Light Diesel Fuel					
Lubrication Oil	SAE10W/30					
Lubrication Oil Volume (L)	0.75		1.1		1.65	
Starting System	Standard:Recoil Start / Option:Electric Start					
Fuel Tank Capacity (L)	12.5		12.5		12.5	
Full load Continuous Work (h)	17	14.5	9.7	9	6.5	6
Dim (LXWXH) (mm)	670X470X565		670X470X565		730X495X625	
Net Weight / Gross Weight (kg)	52/54		63/65		100/105	

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### SPECIFICATION&SELECTION SHEET

Model	WD6000D		WD7000D		WD8500D	
Frequency (Hz)	50	60	50	60	50	60
AC Voltage (v)	220	110/220	220	110/220	220	110/220
Rated AC Output (kw)	5.0	5.5	6.0	6.5	7.5	8.0
Max. Ac Output (kw)	5.5	6.0	6.5	7.0	8.0	8.5
DC output(v/a)	12/8.3					
Power Factor	1					
Over Current Protect	Yes					
Alternator type	Brush					
Voltage Regulator	AVR					
Engine	P188FA		P192F		P1100F	
Engine Type	Air-cooled,4-stroke,Single Cylinder,Diesel Engine					
BorexStroke	88x75		92x75		100x85	
Displacement (cc)	456		498		667	
Max. Output (hp)	12/3600		14.0/3600		20.0/3600	
Fuel Type	0# or -10# Light Diesel Fuel					
Lubrication Oil	SAE10W/30					
Lubrication Oil Volume (L)	1.65		1.65		2.1	
Starting System	Standard:Recoil Start / Option:Electric Start					
Fuel Tank Capacity (L)	12.5		12.5		12.5	
Full load Continuous Work (h)	6.5	6	6	5.5	5.5	5
Dim (LXWXH) (mm)	730X495X625		730X495X625		820X580X700	
Net Weight / Gross Weight (kg)	103/108		105/110		112/117	



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### SPECIFICATION&SELECTION SHEET

Model	WD5500DS		WD6000DS	
Frequency (Hz)	50	60	50	60
AC Voltage (v)	220	110/220	220	110/220
Rated AC Output (kw)	4.5	5.0	5.0	5.5
Max. Ac Output (kw)	5.0	5.5	5.5	6.0
DC output(v/a)	12/8.3			
Power Factor	1			
Over Current Protect	Yes			
Alternator type	Brush			
Voltage Regulator	AVR			
Engine	D186F		D188FA	
Engine Type	Air-cooled,4-stroke,Single Cylinder,Diesel Engine			
BorexStroke	86x72		88x75	
Displacement (cc)	418		456	
Max. Output (hp)	10.0/3600		12/3600	
Fuel Type	0# or -10# Light Diesel Fuel			
Lubrication Oil	SAE10W/30			
Lubrication Oil Volume (L)	1.65		1.65	
Starting System	Standard:Recoil Start / Option:Electric Start			
Fuel Tank Capacity (L)	12.5		12.5	
Full load Continuous Work (h)	8	7.5	7.9	7.4
Dim (LXWXH) (mm)	935x535x780		935x535x780	
Net Weight / Gross Weight (kg)	155/160		158/163	

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### SPECIFICATION&SELECTION SHEET

Model	WD7000DS		WD8500DS	
Frequency (Hz)	50	60	50	60
AC Voltage (v)	220	110/220	220	110/220
Rated AC Output (kw)	6.0	6.5	7.5	8.0
Max. Ac Output (kw)	6.5	7.0	8.0	8.5
DC output(v/a)	12/8.3			
Power Factor	1			
Over Current Protect	Yes			
Alternator type	Brush			
Voltage Regulator	AVR			
Engine	D192F		D1100F	
Engine Type	Air-cooled,4-stroke,Single Cylinder,Diesel Engine			
BorexStroke	92x75		100x85	
Displacement (cc)	498		667	
Max. Output (hp)	14.0/3600		20.0/3600	
Fuel Type	0# or -10# Light Diesel Fuel			
Lubrication Oil	SAE10W/30			
Lubrication Oil Volume (L)	1.65		2.1	
Starting System	Standard:Recoil Start / Option:Electric Start			
Fuel Tank Capacity (L)	30		30	
Full load Continuous Work (h)	11	10.5	10.8	10.3
Dim (LXWXH) (mm)	935x535x880		1060x720x860	
Net Weight / Gross Weight (kg)	160/165		205/210	

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### SPECIFICATION&SELECTION SHEET

Model	WD50D	WD80D	WD100D
Type	Self-priming,Centrifugal Pump		
Inlet (mm)	50(2inch)	80(3inch)	100(4inch)
Outlet (mm)	50(2inch)	80(3inch)	100(4inch)
Potate Speed (rpm)	3600		
Max. Lift Head (m)	26	28	27
Max. Flow (l/h)	36000(36M <sup>3</sup> /H)	60000(60M <sup>3</sup> /H)	96000(96M <sup>3</sup> /H)
Suction (m)	7		
Engine Model	D170F	D178F	D186F
Engine Type	Single-cylinder,Air-cooled,4-stroke,Diesel Engine		
Displacement Capacity	211	296	418
Max.Output (hp)	4.2	6	10
Fuel tank Capacity (L)	2.5	3.5	5.5
Lubrication Oil	SAE10W/30	SAE10W/30	SAE10W/30
Lubrication Oil Volume(L)	0.75	1.1	1.65
Starting System	Standard:Recoil Start / Option:Electric Start		
Dim (LXWXH) (mm)	525X430X545	590X490X580	670X490X620
Net Weight / Gross Weight (kg)	36/38	53/55	70/72



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### SPECIFICATION&SELECTION SHEET

Model	WD50DC	WD80DC	WD100DC
Type	Self-priming,Centrifugal Pump,Cast Iron High Pressure		
Inlet (mm)	50(2inch)	80(3inch)	100(4inch)
Outlet (mm)	50(2inch)	80(3inch)	100(4inch)
Potate Speed (rpm)	3600		
Max. Lift Head (m)	75(110PSI)	80(116PSI)	55(150PSI)
Max. Flow (l/h)	30000(30M <sup>3</sup> /H)	47000(47M <sup>3</sup> /H)	110000(110M <sup>3</sup> /H)
Suction (m)	6		8
Engine Model	D178F	D186F	D188F
Engine Type	Single-cylinder,Air-cooled,4-stroke,Diesel Engine		
Displacement Capacity	296	418	456
Max.Output (hp)	6	10	10
Fuel tank Capacity (L)	3.5	5.5	5.5
Lubrication Oil	SAE10W/30	SAE10W/30	SAE10W/30
Lubrication Oil Volume(L)	1.1	1.65	1.65
Starting System	Standard:Recoil Start / Option:Electric Start		
Dim (LXWXH) (mm)	580X480X590	660X485X620	660X485X620
Net Weight / Gross Weight (kg)	51/53	63/65	85/87