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IWATA

HEAVY DUTY POWER GENERATOR

ヘビーデューティ パワー ジェネレーター



PRODUCTS CATALOGUE

IWATA

HEAVY DUTY POWER GENERATOR
ヘビーデューティ パワー ジェネレーター

DIESEL GENERATOR

Output : 1.7kw-5.0kw

IWATA PWM DIESEL GENERATOR

- Air Cooled Engine
- IP 23 Protection
- Diesel Engine
- Noise Compliant

- Feature:
- ✓ AVR gives stable voltage and safe work.
 - ✓ Circuit breaker protects overload operation.
 - ✓ 12.5L tank ensures 8 hours' continuous running.
 - ✓ Low oil shutdown stops engine in emergency.
 - ✓ Various sockets for different market.



SPECIFICATION

IWATA PWM DIESEL GENERATOR			
Model	PWM2200OL (E)	PWM3600OL (E)	PWM5000OL (E)
Voltage (V)	110-240	110-240	110-240
Frequency (Hz)	50/60	50/60	50/60
Rate. AC output (kW)	1.7/2.0	2.7/3.0	4.2/4.6
Max. AC output (kW)	1.9/2.2	3.0/3.3	4.6/5.0
Power Factor cosΦ	1.0	1.0	1.0
DC output (V/A)	12/6	12/6	12/6
Engine model	LA170FG	LA178FG	LA186FG
Starting system	Recoil/Electric	Recoil/Electric	Recoil/Electric
Lube oil capacity (L)	0.75	1.1	1.65
Fuel tank capacity (L)	12.5	12.5	12.5
Fuel consumption (g/kW h)	≤430	≤420	≤400
Noise (7 meters away) dB (A)	≤79	≤80	≤82
Dimension (L×W×H) (mm)	610×450×500	680×455×545	800×520×600
Net weight (recoil) (kg)	70	80	110

IWATA

HEAVY DUTY POWER GENERATOR
ヘビーデューティ パワー ジェネレーター

DIESEL GENERATORS
Output : 4.5kw-7.0kw



IWATA PWM DIESEL GENERATOR

- Air Cooled Engine
- IP 23 Protection
- Diesel Engine
- Noise Compliant

Feature:

- ✓ AVR gives stable voltage and safe work.
- ✓ Circuit breaker protects overload operation.
- ✓ 12.5L tank ensures 8 hours' continuous running.
- ✓ Low oil shutdown stops engine in emergency.
- ✓ Various sockets for different market.



SPECIFICATION

IWATA PWM DIESEL GENERATOR				
Model	PWM6000OL (E)	PWM6500OL (E)	PWM7500OL (E)	PWM8000OL (E)
Voltage (V)	110-240	110-240	110-240	110-240
Frequency (Hz)	50/60	50/60	50/60	50/60
Rate. AC output (kW)	4.5/5.0	5.0/5.3	5.5/6.0	6.0/6.5
Max. AC output (kW)	5.0/5.5	5.5/5.8	6.0/6.6	6.5/7.0
Power Factor cosΦ	1.0	1.0	1.0	1.0
DC output (V/A)	12/6	12/6	12/6	12/6
Engine model	LA186FAG	LA188FG	LA188FG	LA192F
Starting system	Recoil/Electric	Recoil/Electric	Recoil/Electric	Recoil/Electric
Lube oil capacity (L)	1.65	1.65	1.65	1.65
Fuel tank capacity (L)	12.5	12.5	12.5	12.5
Fuel consumption (g/kW h)	≤400	≤370	≤370	≤340
Noise (7 meters away) dB (A)	≤82	≤82	≤82	≤86
Dimension L×W×H (mm)	740×475×590	800×520×600	750×480×605	740×475×600
Net weight (recoil) (kg)	95	114	107	105 (120)

IWATA

HEAVY DUTY POWER GENERATOR
ヘビーデューティ パワー ジェネレーター

SILENT DIESEL GENERATORS
Output : 4.2kw-6.6kw



IWATA PWM SILENT DIESEL GENERATOR

- Air Cooled Engine
- IP 23 Protection
- Diesel Engine
- Noise Compliant

- Feature:
- ✓ The lowest noise is 67 dB(A) at 7m.
 - ✓ Minimal vibration & smooth running.
 - ✓ Function better with double large muffler.
 - ✓ Fashion soundproof canopy.
 - ✓ Universal wheels make movement easily.
 - ✓ 8 hours' continuous running free of fuel plus.



SPECIFICATION

IWATA PWM SILENT DIESEL GENERATOR		
Model	PWM5000SL	PWM6000SL
Voltage (V)	110-240	110-240
Frequency (Hz)	50/60	50/60
Rate. AC output (kW)	4.2/4.6	4.5/5.0
Max. AC output (kW)	4.6/5.0	5.0/5.5
Power Factor cosΦ	1.0	1.0
DC output (V/A)	12/6	12/6
Engine model	LA186FG	LA186FAG
Starting system	Electric	Electric
Displacement (cc)	406	418
Engine speed (rpm)	3000/3600	3000/3600
Lube oil capacity (L)	1.65	1.65
Fuel tank capacity (L)	16	16
Fuel consumption (g/kW h)	≤400	≤400
Noise (7 meters away) dB (A)	≤71	≤71
Dimension (LxWxH) (mm)	900x520x700	900x520x700
Net weight (kg)	140	150

IWATA

HEAVY DUTY POWER GENERATOR
ヘビーデューティ パワー ジェネレーター

SILENT DIESEL GENERATORS
Output : 4.2kw-6.6kw



IWATA PWM SILENT DIESEL GENERATOR

- Air Cooled Engine
- IP 23 Protection
- Diesel Engine
- Noise Compliant

Feature:

- ✓ The lowest noise is 67 dB(A) at 7m.
- ✓ Minimal vibration & smooth running.
- ✓ Function better with double large muffler.
- ✓ Fashion soundproof canopy.
- ✓ Universal wheels make movement easily.
- ✓ 8 hours' continuous running free of fuel plus.



SPECIFICATION

IWATA PWM SILENT DIESEL GENERATOR			
Model	PWM6500SL	PWM7500SL	PWM8000SL
Voltage (V)	110-240	110-240	110-240
Frequency (Hz)	50/60	50/60	50/60
Rate. AC output (kW)	5.0/5.3	5.5/6.0	6.0/6.5
Max. AC output (kW)	5.5/5.8	6.0/6.6	6.5/7.0
Power Factor cosΦ	1.0	1.0	1.0
DC output (V/A)	12/6	12/6	12/6
Engine model	LA188FG	LA188FG	LA192FAG
Starting system	Electric	Electric	Electric
Displacement (cc)	474	474	499
Engine speed (rpm)	3000/3600	3000/3600	3000/3600
Lube oil capacity (L)	1.65	1.65	1.65
Fuel tank capacity (L)	16	25	25
Fuel consumption (g/kW h)	≤400	≤370	≤340
Noise (7 meters away) dB (A)	≤71	≤68	≤71
Dimension (L×W×H) (mm)	900×520×700	960×560×730	960×560×710
Net weight (kg)	154	160	164

IWATA

HEAVY DUTY POWER GENERATOR
ヘビーデューティ パワー ジェネレーター

TWIN-CYLINDER DIESEL GENERATORS
Output : 10kw-13.75kw

IWATA PWM TWIN-CYLINDER
DIESEL GENERATOR

-  Air Cooled Engine
-  IP 23 Protection
-  Diesel Engine
-  Noise Compliant

Feature:

- ✓ Powered by 20hp twin-cylinder diesel engine.
- ✓ Deluxe style with square frame.
- ✓ Wheels contribute to easy moving.
- ✓ Electric start with battery.



SPECIFICATION

IWATA PWM TWIN-CYLINDER DIESEL GENERATOR				
Model	PWM120L	PWM150L	PWM125L	PWM155L
Voltage (V)	110-240	110-240	110-240	110-240
Frequency (Hz)	50/60	50/60	50/60	50/60
Rate. AC output (kW)	10/10kW	12/12kW	10/10kW	12/12kW
Max. AC output (kW)	11/11kW	13/13kW	11/11kW	13/13kW
Power Factor cosΦ	1.0	1	1.0	1
DC output (V/A)	12/6	12/6	12/6	12/6
Engine model	LA290	LA292F	LA290	LA292F
Starting system	Electric	Electric	Electric	Electric
Displacement (cc)	954	997	954	997
Engine speed (rpm)	3000/3600	3000/3600	3000/3600	3000/3600
Lube oil capacity (L)	3	3	3	3
Fuel tank capacity (L)	25	25	60	50
Fuel consumption (g/kW h)	≤350	≤268	≤350	≤268
Noise (7 meters away) dB (A)	≤82	≤86	≤69	≤86
Dimension (L×W×H) (mm)	910×578×800	910×578×800	1160×675×945	1160×675×945
Net weight (recoil) (kg)	170	190	295	295