

PRODUCT CATALOGUE



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SUZHOU ERMA MACHINERY CO.,LTD
www.szerma.com

YAMABISI®



**PRODUCT
CATALOGUE**



COMPANY PROFILE

Suzhou ERMA Machinery Co., Ltd. founded in 2,000, located in Suzhou City, where is one of the most beautiful cities in China with 100,000 square meter workshops, there are over 500 employees, there are over 25% engineers, technicians. There are over 8 production liners. Yearly capacity is around 1,000,000pcs of gasoline generator, engine, water pump and battery & petrol ride-on mower.

As one of the national leading manufactures, the company produces generators, water pumps, engines, battery & petrol ride-on mower. The organizational quality system involves every aspect of our process. Everyone who works for the company is empowered and expected to maintain the highest standards of quality in products.

The company has approved ISO9001 QUALTY SYSTEM CERTIFICATE while most of the products have approved the certificate of CE or GS, ETL, CSA, U2 and EPA or CARB. The company also enjoys a high prestige at home and abroad where its productions sell well all over the world and export to Asia, Africa, Europe, Australia, America etc.



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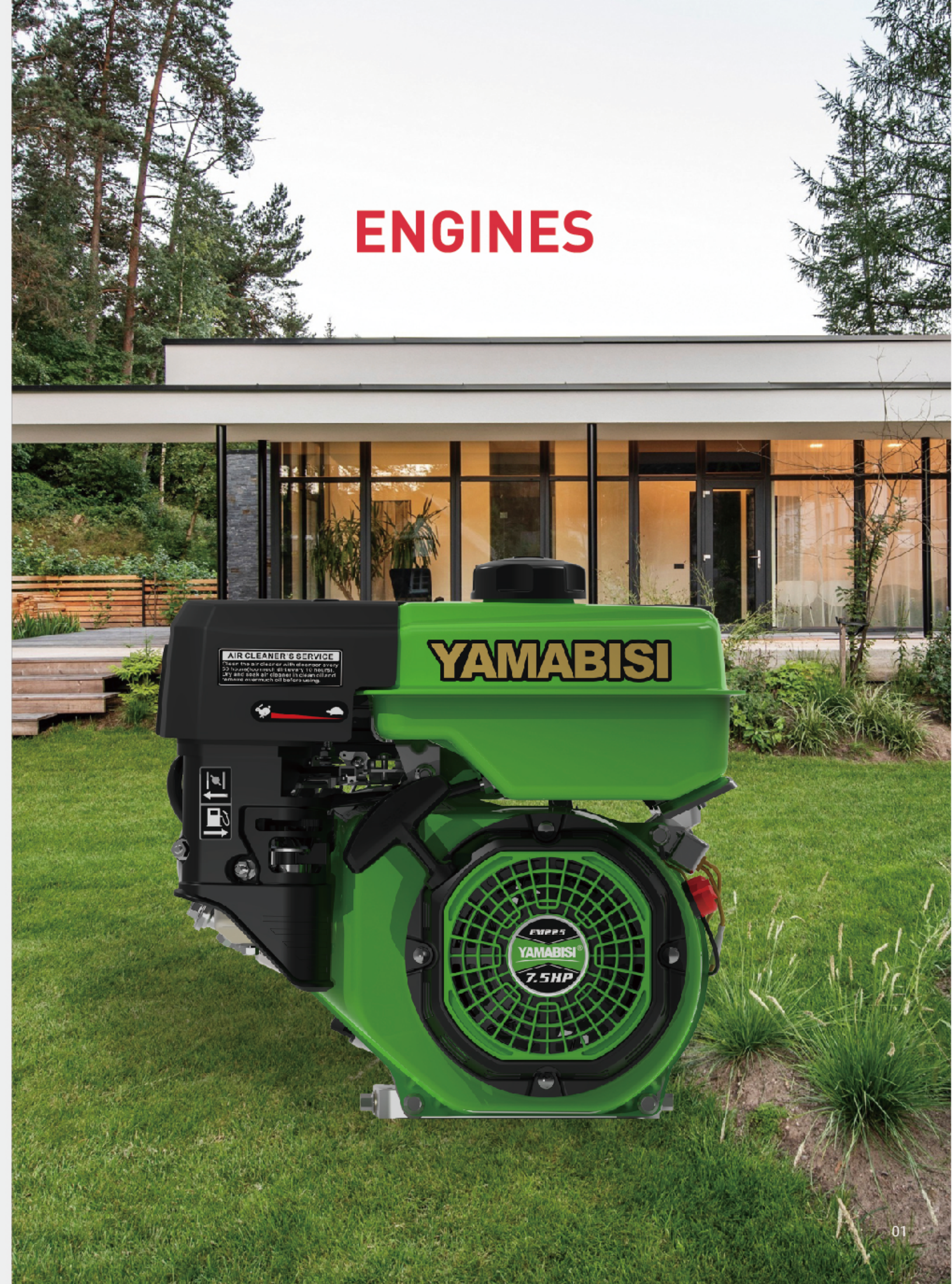
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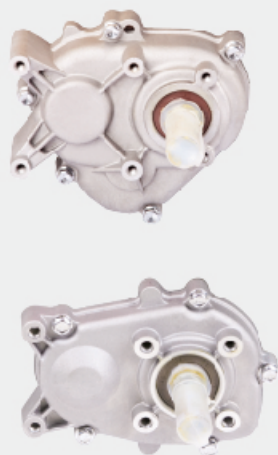


YAMABISI®

ENGINE SERIES A/B/C/F type



A type



C type



B type



YAMABISI®

ENGINE SERIES A/B/C/F type

- Stable running
- Novel design
- Increased displacement
- Low noise and high efficiency



POWERFUL 4-STROKE ERMA ENGINE

For Easy Starts, Reliable Performance



ERMA ADVANCED TECHNOLOGY

Delivers over 30% more starting capacity allowing you to do more with less.



ERMA TECHNOLOGY

Provides clean, smooth operation of sensitive electronics, tools and appliances

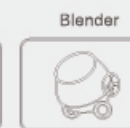


1-YEAR LIMITED WARRANTY

Free with all portable generators.



Pulverizer



Blender



Water Pump



Snowblower

MODEL	EM98	EM160	EM200	EM210	EM225
Engine type	Single cylinder, 4-stroke , OHV , forced air cooling				
Displacement(cc)	98	163	196	212	224
BorexStroke(mm)	56x40	68x45	68x54	70x55	72x55
Max. output(Kw)/(r/min)	2.0/3600	3.4/3600	4.0/3600	4.2/3600	4.6/3600
Max. torque(N.m)/(rpm)	5.5/2500	10/2500	12/2500	12.5/2500	13/2500
Compression ratio			8.5:1		
Engine Oil capacity(L)	0.35	0.55			
Fuel		Unleaded gasoline			
Fuel tank capacity(L)	1.4	3.6			
Net weight(kg)	9.6	15.0	15.5	16.0	16.5
Dimension(mm)	315x305x280	380x320x345	390x320x345		

MODEL	EM270	EM390	EM420	EM460	EM480
Engine type	Single cylinder, 4-stroke , OHV , forced air cooling				
Displacement(cc)	270	389	458	458	468
BorexStroke(mm)	77x58	88x64	90x66	92x69	92x69
Max. output(Kw)/(r/min)	5.8/3600	7.6/3600	8.5/3600	10.0/3600	11.0/3600
Max. torque(N.m)/(rpm)	16.5/2500	23/2500	25/2500	28/2500	30/2500
Compression ratio	8.2:1		8.5:1		
Engine Oil capacity(L)	0.8	1.0		1.1	
Fuel	Unleaded gasoline				
Fuel tank capacity(L)	6.5				
Net weight(kg)	25.0	30.5	31.0	32.0	32.5
Dimension(mm)	450x400x425	460x400x435	480x400x435		

YAMABISI®

EM630E/EM670E



- Stable running
- Novel design
- Increased displacement
- Low noise and high efficiency



POWERFUL 4-STROKE ERMA ENGINE
For Easy Starts,Reliable Performance.



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Delivers over 30% more starting capacity allowing you to do more with less.



ERMA TECHNOLOGY
Provides clean,smooth operation of sensitive electronics, tools and appliances.



1-YEAR LIMITED WARRANTY
Free with all portable generators.



MODEL	EM630E	EM670E
Engine type	Single cylinder, 4-stroke , OHV , forced air cooling	
Displacement(cc)	627	667
BorexStroke(mm)	96x86.6	99x86.6
Max. output(Kw)(r/min)	14/3600	14.5/3600
Max. torque(N.m)/(rpm)	41/2500	43/2500
Compression ratio	8.0:1	
Engine Oil capacity(L)	1.4	1.4
Fuel	Unleaded gasoline	
Fuel tank capacity(L)	11	11
Net weight(kg)	45	45
Dimension(mm)	585x460x480	

WATER PUMPS



YAMABISI®

WP SERIES



WP30X-A



WP60X

- Stable running
- New muffler design
- Increased displacement
- Low noise and high efficiency



WP20D



WP30D

- Stable running
- Novel design
- Increased displacement
- Low noise and high efficiency



POWERFUL 4-STROKE ERMA ENGINE

For Easy Starts, Reliable Performance.



HEAVY DUTY STEEL FULL-FRAME CAGE

For Protection and Tie-Down



ERMA TECHNOLOGY

Provides clean, smooth operation of sensitive electronics, tools and appliances



DURABLE CAST IRON VOLUTE AND IMPELLER

For Maximum Durability

FIRE FIGHTING



GARDENING



FISHFARM



SWIMMING POOL



MODEL	WP20X-A	WP30X-A	WP40X-A	WP60X
Engine type	EM200		EM270	EM420
Displacement(cc)	196		270	420
BorexStroke(mm)	68x54		77x58	90x66
Net power(KW)	4.0		5.8	8.5
Rated speed(rpm)	3600			
Dia. of discharge port(mm)	50	80	100	150
Dia. of suction port(mm)	50	80	100	150
Max suction(m)	8		6	
Max lift(m)	26	26	28	15
Max delivery volume(m³/h)	36	60	96	168
Engine Oil capacity(L)	0.55	0.55	0.8	1.1
Fuel	Unleaded gasoline			
Fuel tank capacity(L)	3.6	3.6	6.5	6.5
Net weight (kg)	26.0	28.0	45.0	60
Dimension(mm)	470x380x410	500x380x425	610x480x550	710x550x660

MODEL	WP20D	WP30D
Engine type	EM200-A	
Displacement(cc)	196	
BorexStroke(mm)	68x54	
Net power(KW)	4.0	
Rated speed(rpm)	3600	
Dia. of discharge port(mm)	50	80
Dia. of suction port(mm)	50	80
Max suction(m)	8	8
Max lift(m)	26	26
Max delivery volume(m³/h)	36	60
Engine Oil capacity(L)	0.55	0.55
Fuel	Unleaded gasoline	
Fuel tank capacity(L)	3.6	
Net weight (kg)	40	
Dimension(mm)	550*430*440	

YAMABISI®

WP SERIES



WP703
2 INCH IRON PUMP



WP716
3 INCH IRON PUMP



WP707
CHEMICAL WATER PUMP

- Stable running
- Novel design
- Increased displacement
- Low noise and high efficiency



POWERFUL 4-STROKE ERMA ENGINE

For Easy Starts, Reliable Performance.



HEACY DUTY STEEL FULL-FRAME CAGE

For Protection and Tie-Down

FIRE FIGHTING



GARDENING



FISHFARM



SWIMMING POOL



ERMA TECHNOLOGY

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DURABLE CAST IRON VOLUTE AND IMPELLER

For Maximum Durability

MODEL	WP703	WP716	WP707
Engine type	EM98	EM200	EM200
Displacement(cc)	98	196	196
BorexStroke(mm)	56x40	68x54	68x54
Net power(KW)	2.0	4.0	4.0
Rated speed(rpm)	3600		
Dia. of discharge port(mm)	50	80	80
Dia. of suction port(mm)	50	80	80
Max suction(m)	NO		
Max lift(m)	36	65	22
Max delivery voulme(m³/h)	16	36	37.5
Engine Oil capacity(L)	0.35	0.55	0.55
Fuel	Unleaded gasoline		
Fuel tank capacity(L)	1.4	3.6	3.6
Net weight (kg)	16.0	26.0	23.0
Dimension(mm)	380x330x320	430x395x420	530x410x430



ERMA

ERMA SERIES





EM390

- Stable running
- Novel design
- Increased displacement
- Low noise and high efficiency



WP20X

WP30X



How to distinguish original ERMA gasoline engine & water pump

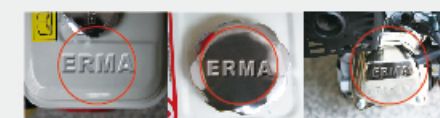
- ① The manufacturer of original ERMA is SUZHOUERMA MACHINERY CO., LTD which is printed on lower part of carton.
- ② The Net Weight is printed on the carton for original ERMA gasoline engine & water pump. Fake ones have less weight.



- ③ Original ERMA gasoline engine & water pump has ERMA carved on the top of engine block. Pls refer to picture below after moving away the fuel tank.



- ④ There is a protruding part on the original engine block close to the switch. Pls refer to picture above.



- ⑤ There is a carved ERMA on the fuel tank, fuel tank cap and cylinder head cover of original ERMA. Pls refer to the picture below.

- ⑥ There is carved ERMA on the pump casing, pump head of original ERMA. Pls refer to the picture below.



- ⑦ Scan the code to enter ERMA's homepage, which is the original ERMA products.



MODEL	EM160	EM200	EM390
Engine type	Single cylinder, 4-stroke , OHV , forced air cooling		
Displacement(cc)	163	196	389
BorexStroke(mm)	68x45	68x54	88x64
Max. output(Kw)/(r/min)	3.4/3600	4.0/3600	7.6/3600
Max. torque(N.m)/(rpm)	10/2500	12/2500	23/2500
Compression ratio	8.5:1	8.5:1	8.2:1
Engine Oil capacity(L)	0.55	0.55	1.0
Fuel	Unleaded gasoline		
Fuel tank capacity(L)	3.6		6.5
Net weight(kg)	15.0	15.5	30.5
Dimension(mm)	380x320x345	390x320x345	460x400x435

MODEL	WP20X	WP30X
Engine type	EM120	EM160
Displacement(cc)	118	163
BorexStroke(mm)	60x42	68x45
Net power(KW)	2.4	3.4
Rated speed(rpm)	3600	
Dia. of discharge port(mm)	50	80
Dia. of suction port(mm)	50	80
Max suction(m)	8	
Max lift(m)	26	26
Max delivery volume(m ³ /h)	30	60
Engine Oil capacity(L)	0.55	
Fuel	Unleaded gasoline	
Fuel tank capacity(L)	2.5	3.6
Net weight (kg)	22.0	27
Dimension(mm)	470x350x360	505x370x435



MTE110

- Stable running
- Novel design
- Increased displacement
- Low noise and high efficiency

MODEL	MT110
Engine type	Single cylinder, 4-stroke , OHV , forced air cooling
Displacement(cc)	106
BorexStroke(mm)	52x50
Max. output(Kw)(r/min)	2.1/3600
Max. torque(N.m)/(rpm)	5/2500
Compression ratio	9.5:1
Engine Oil capacity(L)	NO
Fuel(Gasoline&Oil)	25:1
Fuel tank capacity(L)	3.2
Net weight(kg)	15.2
Dimension(mm)	410x365x330



MTE210



MTE310

- Stable running
- Novel design
- Increased displacement
- Low noise and high efficiency



POWERFUL ENGINE

For Easy Starts,Reliable Performance.



HEACY DUTY STEEL FULL-FRAME CAGE

For Protection and Tie-Down



ERMA TECHNOLOGY

Provides clean,smooth operation of sensitive electronics, tools and appliances



DURABLE CAST IRON VOLUTE AND IMPELLER

For Maximum Durability

FIRE FIGHTING



GARDENING



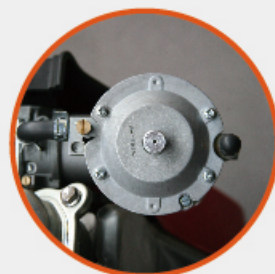
FISHFARM



SWIMMING POOL



MODEL	MT210	MT310
Engine type	MT110	
Displacement(cc)	106	
BorexStroke(mm)	52x50	
Net power(KW)	2.0	
Rated speed(rpm)	3600	
Dia. of discharge port(mm)	50	80
Dia. of suction port(mm)	50	80
Max suction(m)	6	8
Max lift(m)	22	23
Max delivery voulme(m ³ /h)	38	50
Engine Oil capacity(L)	0.6	
Fuel	Unleaded gasoline	
Fuel tank capacity(L)	3.2	
Net weight (kg)	25.0	27.0
Dimension(mm)	480x395x450	535x395x450



- Dual fuel running
- Novel design
- Increased displacement
- Low noise and high efficiency

MODEL	EM200-LPG
Engine type	single cylinder, 4-Stroke, OHV, Air-cooled
Displacement (cc)	196
Bore x stroke (mm)	68*54
Max. Output(kw)(r/min)	4.0/3600
Max torque(N.m)(r/rpm)	12/2500
Compression ratio	8.5:1
Engine Oil capacity(L)	0.6
Fuel	Unleaded gasoline/LPG
Fuel tank capacity(L)	3.6
Net weight(kg)	15.2
Dimension(mm)	405×320×345



POWERFUL ENGINE

For Easy Starts, Reliable Performance.



HEACY DUTY STEEL FULL-FRAME CAGE

For Protection and Tie-Down



ERMA TECHNOLOGY

Provides clean, smooth operation of sensitive electronics, tools and appliances



DURABLE CAST IRON VOLUTE AND IMPELLER

For Maximum Durability

FIRE FIGHTING



GARDENING



FISHFARM



SWIMMING POOL



MODEL	WP30X-LPG
Engine type	single cylinder, 4-Stroke, OHV, Air-cooled
Displacement (cc)	196
Bore x stroke (mm)	68*54
Net power(KW)	4
Rated speed(rpm)	3600
Dia.of discharge port(mm)	80
Dia.of suction port(mm)	80
Max suction(m)	8
Max lift(m)	26
Max delivery voulme(m³/h)	65
Engine Oil capacity(L)	0.6
Fuel	Unleaded gasoline/LPG
Fuel tank capacity(L)	3.6
Net weight(kg)	26
Dimension(mm)	500×390×433



MARINE ENGINE



MARINE ENGINE

EM500-C



EM750



POWERFUL 4-STROKE ERMA ENGINE

For Easy Starts, Reliable Performance

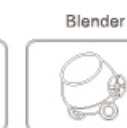


ERMA ADVANCED TECHNOLOGY

Delivers over 30% more starting capacity allowing you to do more with less.



Pulverizer



Blender



ERMA TECHNOLOGY

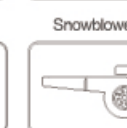
Provides clean, smooth operation of sensitive electronics, tools and appliances



MARINE ENGINEN SUPPLY THE POWER TO BOAT



Water Pump



Snowblower

MODEL	EM225-C	EM500-C	EM750
Engine type	single cylinder, 4-Stroke, OHV, Air-cooled		
Displacement (cc)	224	499	750
Bore x stroke (mm)	72*55	94*72	105*86.6
Max. Output(kw)(r/min)	4.8/3600	11.5/3600	16.2/3600
Max. torque(N.m)(r/rpm)	13.5/2500	34/2500	50/2500
Compression ratio	8.5:1	8.7:1	8.0:1
Engine Oil capacity(L)	0.6	1.2	1.4
Fuel	Unleaded gasoline		
Fuel tank capacity(L)	3.6	6.5	11
Net weight(kg)	16.5	37	55
Dimension(mm)	390×320×345	540×370×372	590×460×480



MINING GOLD WATER PUMP



CASTING IRON PUMP

MINING GOLD WATER PUMP



ALUMINUM PUMP



POWERFUL 4-STROKE ERMA ENGINE

For Easy Starts, Reliable
Performance



CASTING IRON PUMP

BURLINESS &
DURABLE



ERMA TECHNOLOGY

Provides clean, smooth
operation of sensitive electronics,
tools and appliances



SUITABLE FOR USE
IN ALL KINDS OF
MINES, ESPECIALLY
GOLD MINES

MODEL	WP30X	WP35X	WP40X	WP30X	WP25X-AP	WP30X-AP
Engine type	EM420	EM460	EM460	EM210	EM420	EM420
Displacement (cc)	420	458	458	212	420	420
Bore x stroke (mm)	90*66	92*69	92*69	70*55	90*66	90*66
Rated speed(rpm)	3600			3600		
Pump Material	casting iron			Aluminum		
Dia.of discharge port(mm)	80	100	100	80	50	80
Dia.of suction port(mm)	80	80	100	80	80	80
Impeller ida.(mm)	190	150	150	123	141	143
Max suction(m)	7			8	8	
Q Max.(m ³ /h)	59	108	130	60	60	80
H Max.(m)	72	45	40	26	35	35
Engine Oil capacity(L)	1.0	1.1	1.1	0.55	1.1	1.1
Fuel	Unleaded gasoline			Unleaded gasoline		
Fuel tank capacity(L)	6.5	6.5	6.5	3.6	6.5	6.5
Net weight(kg)	55	58	59	28	39	40
Dimension(mm)	350*320*230	350*320*230	400*320*230	500*380*425	498*500*515	498*500*515

SOLAR WATER PUMPS



YAMABISI® SOLAR WATER PUMPS



- Stable running
- Low noise and high efficiency



**CONVENIENT
AND CONVENIENT**
Light weight, easy to carry.



**ENVIRONMENTAL
PROTECTION**
Pure electric power,
0 emissions, 0 pollution



**LONG
ENDURANCE**
Solar panel power supply,
long use time.



**DURABLE CAST
IRON VOLUTE AND
IMPELLER**
For Maximum Durability

MODEL	WP30XE-1100
INLET(MM)	80
OUTLET(MM)	80
VOLTAGE(V)	60-150
MAX FLOW(M³/H)	30
PUMP LIFT(M)	12
SUCTION(M)	8
INPUT POWER(W)	1200
PV INPUT	560W*2
DIMENSION(MM)	395x295x415
20" Container Qty	490
40" Container Qty	1218

GENERATOR SERIES



YAMABISI® GENERATOR SERIES



EM950-B



EM950-D

- Stable running
- Novel design
- Increased displacement
- Low noise and high efficiency



CONVENIENT AND CONVENIENT

Light weight, easy to carry



ERMA ADVANCED TECHNOLOGY

Delivers over 30% more starting capacity allowing you to do more with less.

Small Appliances



Lights



Power Tools



Well Pump



ERMA TECHNOLOGY

Provides clean, smooth operation of sensitive electronics, tools and appliances



1-YEAR LIMITED WARRANTY

Free with all portable generators.

MODEL	EM950-B	EM950-D
Engine Model	1E45	
Displacement(cc)	63	
Rated output(50Hz/KW)	650W	
Rated output(60Hz/KW)	750W	
Starting System	Recoil Start	
Frequency(Hz)	50/60	
Voltage(V)	110/120/220/230/240/380	
DC Output	12/8.3	
Noise 7m/dB(A)	≤87	
Engine Oil capacity(L)	0.08	
Fuel tank capacity(L)	3.8	
Net weight (kg)	21	
Dimension(mm)	460x370x385	

YAMABISI®

GENERATOR SERIES



A type

- Stable running
- New muffler design
- Increased displacement
- Low noise and high efficiency



B type



C type

- Stable running
- Novel design
- Increased displacement
- Low noise and high efficiency

F type



YAMABISI®

GENERATOR SERIES



ELECTRONIC FUEL INJECTION TECHNOLOGY

Automotive technology allows for easy and reliable starting.



ERMA ADVANCED TECHNOLOGY

Delivers over 30% more starting capacity allowing you to do more with less.



ERMA TECHNOLOGY

Provides clean, smooth operation of sensitive electronics, tools and appliances



1-YEAR LIMITED WARRANTY

Free with all portable generators.

Small Appliances



Lights



Power Tools



Well Pump



MODEL	EM1500	EM2500	EM3000	EM3500	EM3800
Engine Model	EM98	EM200		EM210	EM225
Displacement(cc)	98	196		212	224
Rated output(50Hz/KW)	1.0	2.0	2.5	2.8	3.0
Rated output(60Hz/KW)	1.2	2.3	2.8	3.0	3.3
Starting System	Recoil Start/Electric Start				
Frequency(Hz)	50/60				
Voltage(V)	110/120/220/230/240/380				
DC Output(V/A)	12/8.3				
Noise 7m/dB(A)	≤ 56	≤ 87			
Engine Oil capacity(L)	0.35	0.55			
Fuel tank capacity(L)	6	20			
Net weight (kg)	25.2	52.4	54.3	56.8	58.2
Dimension(mm)	500x380x415		660x490x465		

MODEL	EM6500	EM8000	EM8800	EM9800
Engine Model	EM420		EM460	
Displacement(cc)	420		458	
Rated output(50Hz/KW)	5.0	6.0	6.6	7.0
Rated output(60Hz/KW)	5.5	6.5	7.0	7.5
Starting System	Recoil Start/Electric Start			
Frequency(Hz)	50/60			
Voltage(V)	110/120/220/230/240/380			
DC Output	12/8.3			
Noise 7m/dB(A)	≤ 89			
Engine Oil capacity(L)	1.1			
Fuel tank capacity(L)	25			
Net weight (kg)	87.5	90.4	93.5	95.3
Dimension(mm)	770x555x595			

YAMABISI®

GENERATOR SERIES



- Stable running
- Novel design
- Increased displacement
- Low noise and high efficiency



ELECTRONIC FUEL INJECTION TECHNOLOGY

Automotive technology allows for easy and reliable starting.



ERMA ADVANCED TECHNOLOGY

Delivers over 30% more starting capacity allowing you to do more with less.

Small Appliances



Lights



Power Tools



Well Pump



ERMA TECHNOLOGY

Provides clean, smooth operation of sensitive electronics, tools and appliances



1-YEAR LIMITED WARRANTY

Free with all portable generators.

MODEL	EM13900	EM15900	EM17900
Engine Model	EM630E	EM670E	EM750E
Displacement(cc)	627	667	750
Rated output(50Hz/KW)	9.0	10.0	12.0
Rated output(60Hz/KW)	10.0	11.0	12.5
Starting System	Recoil Start / Electric Start		
Frequency(Hz)	50/60		
Voltage(V)	110/120/220/230/240/380		
DC Output	12/8.3		
Noise 7m/dB(A)	≤92		
Engine Oil capacity(L)	1.1		
Fuel tank capacity(L)	40		
Net weight (kg)	144	150	153
Dimension(mm)	850x620x650		

POWER WATTAGE TABLE

Household	Running Wattage Requirements	Additional Wattage Required for Starting
Coffee maker	1750	0
Dishwasher	700	1400
Electric fry pan	1300	0
Microwave oven	625	0
Refrigerator or freezer	1300	0
Automatic washer	1150	2300
Lights	as indicated on bulb	0
Radio	50-200	0
Television	300	0

Contractor	Running Wattage Requirements	Additional Wattage Required for Starting
Air compressor		
1 horsepower	5000	4500
Bench grinder		
8 inches	1400	2500
Hand drills		
1/2 inch	600	
High pressure washer		
1 horsepower	1200	3600
Circular saw, heavy duty		
7 1/4 inches	1200	3600
Electric chain saw		
14 inches, 2 horsepower	1100	0
Table saw		
10 inches	1800	4500
Drills		
3/8 inch, 4A	440	600
1/2 inch, 5.4A	600	900

Industrial Motors	Running Wattage Requirements	Additional Wattage Required for Starting
Split phase		
1/4 horsepower	600	1000
1/2 horsepower	875	2300
Capacitors start induction run		
1/3 horsepower	720	1300
1 horsepower	1600	4500
Capacitor start induction run		
1 1/2 horsepower	2000	6100
Fan duty		
1/6 horsepower	550	850

Farm Equipment	Running Wattage Requirements	Additional Wattage Required for Starting
Electric fence, 25 miles	250	0
Milk cooler	1100	1800
Milker (vacuum pump)		
2 horsepower	1000	2300
Portable heater (kerosene, diesel)		
50000 BTU	400	600
90000 BTU	500	725
150000 BTU	625	1000
Battery charger		
15A	380	0
60A with 250A boost	1500/5750	0
100A with 300A boost	2400/7800	0
Electric welder		
200A AC	9000	0
230A AC, at 100A	7800	0

Computers	Running Wattage Requirements	Additional Wattage Required for Starting
Desktop	600 to 800	0
Laptop	200 to 250	0
Monitor	200 to 250	0
Fax	600 to 800	0
Printer	400 to 600	0

WELDING GENERATOR



WELDING GENERATOR

EM230DCES



EM230DDCES



POWERFUL 4-STROKE ERMA ENGINE

For Easy Starts, Reliable Performance



ERMA ADVANCED TECHNOLOGY

Delivers over 30% more starting capacity allowing you to do more with less.



ERMA TECHNOLOGY

Provides clean, smooth operation of sensitive electronics, tools and appliances

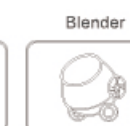


1-YEAR LIMITED WARRANTY

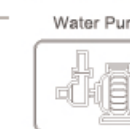
Free with all portable generators.



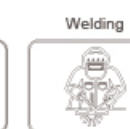
Pulverizer



Blender



Water Pump



Welding

MODEL	EM230DCES	EM230DDCES	WCE300ES
Engine Model	EM460		EM630
Maximum power (LTP), kVA	5.5		6.5
Nominal power (COP), kVA	5		6
Start-up system	recoil/electric		
Voltage (V)	230	230/400	230
Frequency (Hz)	50/60		
Volume of oil crankcase (L)	1.1		1.4
Volume of fuel tank (L)	25		40
Continuous work time (h)	7.2h		8.9
Noise 7 m/dB (A)	≤76		
Maximum welding current(A)	230±10		300
Minimum welding current(A)	50±10		60
Voltage for maximum welding current(V)	>24		31.2
Voltage for minimum welding current(V)	>24		22
No load voltage(V)	>65		80
Gross/net weight(kg)	98/93	98.5/93.5	177/155
Dimensions(mm)	730*550*590	730*550*590	850*620*650

INVERTER GENERATOR



EM2400I



EM4500I

YAMABISI® INVERTER GENERATOR

- Stable running
- Novel design
- Increased displacement
- Low noise and high efficiency



ULTRA QUIET- 40% QUIETER

Advanced inverter technology and enclosure design provide optimal quiet performance.



PARALLEL READY

With an optional Parallel Kit, you can connect two portable inverter generators together for twice the power when you need it.



ERMA TECHNOLOGY

Provides clean, smooth operation of sensitive electronics, tools and appliances.



ECONOMY MODE

Automatically adjusts engine speeds to save fuel and reduce sound emissions.

Mobile Devices



Small Electronics



Tailgating



Camping



MODEL	EM2400I	EM4500I	EM5000I
Engine Model	Special for digital generator, Single cylinder, 4-stroke, OHV, gasoline engine		
Displacement(cc)	79.7	224	
Starting System	Recoil Starter	Recoil Start / Electric Start	
Rated output(KW)	1.8	3.7	4.4
Max.output(KW)	2.4	4.5	5.0
Frequency(Hz)	50/60		
Voltage(V)	100/110/120/220/230/240		
DC Output(V/A)	12/6.0		
Noise 7m/dB(A)	58-65		
Engine Oil capacity(L)	0.4	0.6	
Fuel tank capacity(L)	3.7	12	
Rated speed(r/min)	5050	3600	
Lube oil type	SAE10W30(above Cc grade)		
Net weight (kg)	22	46	46.5
Dimension (mm)	509x311x441	615x450x510	

YAMABISI®



OPEN FRAME INVERTER GENERATOR

- Stable running
- Small size and Less weight
- Increased displacement
- Low noise and high efficiency



(EM5000FI)



ULTRA QUIET- 20% QUIETER

Advanced inverter technology and enclosure design provide optimal quiet performance.



REMOTE CONTROL

Telecontrol with starting and stopping functions.



ERMA TECHNOLOGY

Provides clean, smooth operation of sensitive electronics, tools and appliances.



ECONOMY MODE

Automatically adjusts engine speeds to save fuel and reduce sound emissions.



MODEL	EM3500FI	EM5000FI	EM5000FIE	EM9500FI	EM9500FIE
Engine type	Single-cylinder, 4-stroke, force-air-cooled, OHV, gasoline engine				
Engine model	EX150	EX225	EX225	EX460A	EX460A
Displacement (cc)	149	224	224	460	460
Bore x stroke (mm)	65 x 45	72x55	72x55	92x69	92x69
Starting system	Recoil	Recoil	Recoil & Electric	Recoil	Recoil & Electric
Rated Output Running Watts	3	4	4	8	8
Maximum Output Starting Watts	3.5	4.6	4.6	8.5	8.5
Frequency (Hz)	50/60				
voltage (V)	100/110/120/220/230/240				
Lube capacity (L)	0.45	0.6	0.6	1.1	1.1
Fuel tank capacity(L)	9	11	11	35	35
Rated speed (r/min)	4650	3700	3700	3600	3600
Lube oil type	SAE 10W-30SE	SAE 10W-30SE	SAE 10W-30SE	SAE 10W-30SE	SAE 10W-30SE
Net weight (kg)	24	33	35	75	78
Overall dimension (LXWXH)(mm) without wheels&kts	460*340*450	440*424*465	440*424*465	682*532*592	682*532*592
carton dimension(LXWXH)(mm)	490*370*485	470*454*500	470*454*500	712*562*627	712*562*627
loading quantity (pcs)(20GP/40HQ)	336/720	240/625	240/625	96/268	96/268

POWER STATION



YAMABISI®

POWER STATION



300W Power Station



700W Power Station



1200W Power Station



2400W Power Station

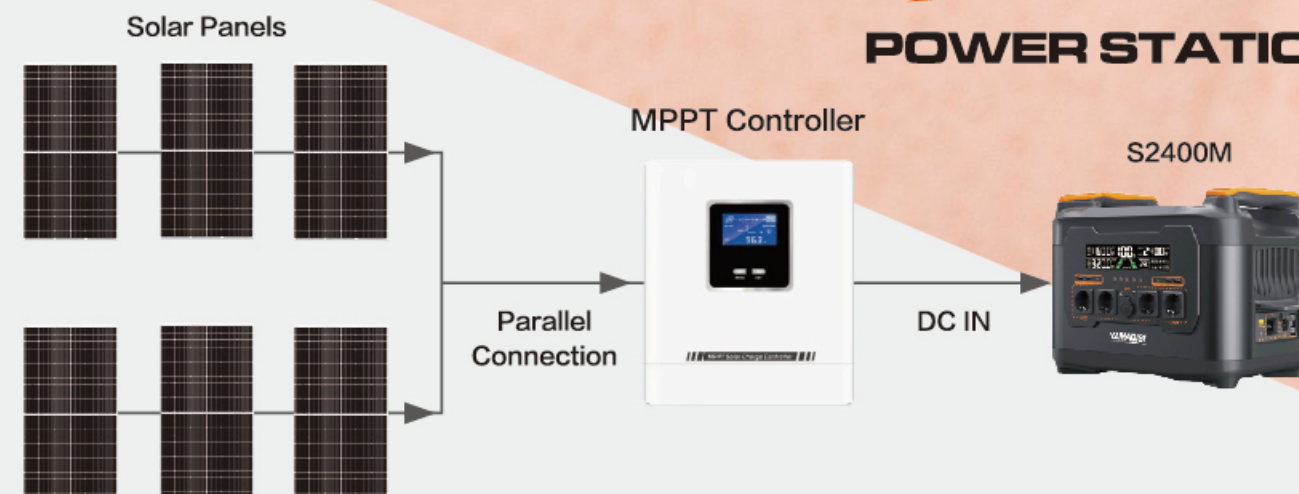
MODEL	S300	S600P	S1210M
Battery			
Type of Battery	LMFP		
Rraed Power	300W	700W	1200W
Capacity	236.25Wh	551.25Wh	1102.5Wh
PV Input			
Input Power	Max 64W	Max 180W	180W
Input Current	Max 4A	Max 7.5A	Max 7.5A
Input Voltage	12V-30V	12V-30V	12V-30V
Mains Power Input			
Input Power	DC64W + PD65W	600W(110V);600W(230W)	1000W(110V);1000W(230W)
Input Current	4A Max	10A(110V);5A(230V)	
Input Voltage Range	12V-30V	90V-135V(110V);185V-255V(230V)	
Power Output			
DC Output	12V==10A		
Cigarette Lighter Output	12V==10A		
USB Output	QC3.0*1, 5V 2.4A*1	QC3.0*2	
Type-C Output	PD65W*1	PD18W*1 PD100W*1	
AC Output	110V /60Hz 300W or 220V 50Hz 300W	110V 60Hz 700W or 230V 50Hz 700W	110V 60Hz 1200W or 230V 50Hz 1200W
Trans portation			
Product Weight	3.9 kgs	7.5 kgs	13.8 kgs
Product Dimension	238*196*218MM	238*196*285MM	316*240*300MM
20, Container Qty	1280	1020	490
40, Container Qty	2600	2140	1100
Certificater	UN38.3/MSDS/CE/FCC/PSE		

YAMABISI® POWER STATION



MODEL	S2400M	S3000M
Battery		
Type of Battery	LMFP	
Rraed Power	2400W	3000W
Capacity	2047.5Wh	3071.25Wh
PV Input		
Input Power	1200W	1200W
Input Current	Max 20A	Max 20A
Input Voltage	12V-100V	12V-100V
Mains Power Input		
Input Power	1500W Max(110V);2000W Max(230V)	1500W Max(110V);2100W Max(230V)
Input Current	Max. 15A(110V);Max. 10A(230V)	
Input Voltage Range	90V-130V(110V);180V-260V(230V)	
Power Output		
DC Output	24V=5A;12V=10A	
Cigarette Lighter Output	12V=10A	
USB Output	QC3.0*4	
Type-C Output	PD100W*2	
AC Output	110V 60Hz 2400W or 230V 50Hz 2400W	110V 60Hz 3000W or 230V 50Hz 3000W
Trans portation		
Product Weight	30.6 kgs	38 kgs
Product Dimension	432 * 296 * 344 MM	432 * 296 * 369 MM
20, Container Qty	290	230
40, Container Qty	600	480
Certificater	UN38.3/MSDS/CE/FCC/PSE	

YAMABISI® POWER STATION



**DOUBLE THE CAPACITY
EMPOWER YOUR NEEDS!**

4095Wh
2047.5Wh + 2045Wh = 4095Wh



MODEL	S2400E	S3000E
Material	ABS+PC V0 Fire-proof Material	
Battery	LMFP or LFP	
Capacity	2047.5Wh LMFP or 2150.4Wh LFP	3071.25Wh LMFP or 3225.6Wh LFP
Single Cell Capacity	21Ah LMFP or 24AH LFP	21Ah LMFP or 24AH LFP
Single Cell Voltage	3.75V LMFP or 3.2V LFP	
Size	432x296x334	