



Generators

Engines

Pumps



RATO

2020 Product Catalogue

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INVERTER GENERATORS

R2000iS

Features

- Easy access maintenance door
- Free shifting between 50Hz and 60Hz
- Lightweight and low noise level
- USB port
- 80cc - 3.5hp



R3000iE

Features

- Convenient recoil and electric start
- Free shifting between 50Hz and 60Hz
- Lightweight and low noise level
- USB port
- Wheels and handle for easy movement



Specifications	R2000iS	R3000iE
Engine model	R80-i	R210-i
Engine type	----- Air cooled, 4 stroke, OHV, single cylinder -----	
Starting system	Recoil start	Recoil / Electric start
Displacement	79.7ml	212ml
Bore x Stroke	48.6 x 43mm	70 x 55mm
Compression ratio	8.7 : 1	9 : 1
Rated frequency	----- 50Hz -----	
Rated voltage	230v	
Rated power	1.8kw	3.2kw
Max. power	2.0kw	3.5kw
DC output	----- 12v / 8.3A -----	
Fuel tank capacity	4 litres	10 litres
Full load continuous running time	4 hours	5 hours
1/2 load continuous running time	6 hours	8.5 hours
Noise (7m)	65dB	69dB
Dimensions (L x W x H mm)	498 x 290 x 459	645 x 480 x 500
Net weight	22kg	46kg

With parallel-in function, two inverter generators, with the same specifications or not, can be in parallel with each other



Generator Accessory - Parallel Cable

Part No: JMRT1000

The RATC parallel cable can be used to run two RATC inverter generators of any size, side by side, to double the power output!

OPEN FRAME INVERTER GENERATORS

R6250iD

Features

- Precisely controlled ignition
- Smart circuit protection, reliable safety
- Accessible easy operation on the front panel
- Lightweight, high power output
- Low engine oil alarm and automatic shutdown to protect engine



R8750iD

Features

- Convenient recoil and electric start
- Wheels and handle for easy movement



Specifications	R6250iD	R8750iD
Engine model	R300-i	R420D-i
Certification	----- EPA 3, EMC -----	
Engine type	----- Air cooled, 4 stroke, OHV, single cylinder -----	
Starting system	----- Recoil / Electric start -----	
Displacement	301cc	420cc
Bore x Stroke	80 x 60	90 x 66
Compression ratio	8.2 : 1	8 : 1
Rated frequency	60hz	50hz
Rated voltage	120v & 240v	220v
Rated power	5.5kw	7.8kw
Surge power	6.25kw	8.75kw
THD (%)	----- ≤3 -----	
DC output	----- 12v / 8.3A -----	
Fuel tank capacity	----- 15 litres -----	
Full load continuous running time	9 hours	6.5 hours
1/2 load continuous running time	12 hours	10 hours
Noise (7m)	84db	84db
Dimensions (L x W x H mm)	----- 605 x 514 x 537 -----	
Net weight	60 kg	65 kg
Multi function meter	----- yes -----	
Breaker	----- 3 -----	
USB device	----- yes -----	
Receptacle cover	----- yes -----	
Spark arrestor	----- yes -----	
Oil drain tube	----- yes -----	
Wheel kit	8" wheels & handle, comes standard	



INDUSTRIAL GENERATOR

R8500D-3

Features

- Strong stable output, reliable long-time performance
- Low fuel consumption, low carbon exhaustion
- Convenient recoil and electric start
- 3-in-1 digital meter
- Wheels and handle for easy movement
- Includes RCD switch and 32 amp IP66 plug



Specifications	R8500D-3
Engine model	R500V
Engine type	Air cooled, 4 stroke, OHV, single cylinder
Starting system	Recoil / Electric start with battery
Displacement	499.6cc
Bore x Stroke	94 x 72mm
Compression ratio	8.7 : 1
Rated frequency	50Hz
Rated voltage	240v
Rated power	8.0kw
Max. power	8.5kw
DC output	12v / 8.3A
Fuel tank capacity	25 litres
Full load continuous running time	5 hours
1/2 load continuous running time	7 hours
Noise (7m)	80db
Dimensions (L x W x H mm)	683 x 540 x 542
Net weight	102kg



FIRE FIGHTING/HIGH PRESSURE PUMPS

RT40YB75-3.6Q

Twin Impeller



RT50YB50-3.8Q

Single Impeller



RT50YB80-3.8Q

Twin Impeller



Features

- Transistorised ignition for reliable starting
- Cast iron cylinder liner ensures consistent performance and durability
- Rugged full frame protection

Specifications	RT40YB75-3.6Q	RT50YB50-3.8Q	RT50YB80-3.8Q
Engine model	R200 / 6.5hp	----- R210 / 7hp -----	
Engine type	----- 4 stroke, OHV, single cylinder -----		
Starting system	----- Recoil start -----		
Bore x Stroke	68 x 54mm	----- 70 x 55mm -----	
Displacement	196ml	----- 212ml -----	
Compression ratio	----- 9 : 1 -----		
Net power	4.2kw / 3600rpm	----- 4.4kw / 3600rpm -----	
Fuel consumption	----- ≤395 (g/kw-h) -----		
Net torque	11N.m / 2500rpm	----- 12N.m / 2500rpm -----	
Pump set	1.5" high lift pump	----- 2" high lift pump -----	
Suction port dia.	38mm (1.5")	----- 50mm (2") -----	
Discharge port dia.	1.5" / 1" / 1"	1.5" / 1" / 1"	
Suction head lift	----- 7m -----		
Total head lift	75m	50m	80m
Discharge capacity	12m³/h / 200Lt p/min	30m³/h / 500Lt p/min	16m³/h / 266Lt p/min
Dimensions (LxWxH)	----- 500 x 395 x 446 -----		
Net weight	28.5kg	----- 29.5kg -----	



Hose Kit

Part No: JMRT2000

1 x 5m length of 1.5" suction hose with 2" fitting and strainer & 1 x 10m length outlet hoses with 1" fitting & nozzles.



TRANSFER PUMPS

RT25ZB20-1.2Q

1" Portable



RT50ZB28-3.6Q

2" Clean Water



RT80ZB28-3.6Q

3" Clean Water



Specifications	RT25ZB20-1.2Q	RT50YB50-3.8Q	RT50YB80-3.8Q
Engine model	RS100 / 3hp	----- R210 / 7hp -----	
Engine type	----- 4 stroke, OHV, single cylinder -----		
Starting system	----- Recoil start -----		
Bore x Stroke	52 x 46	----- 70 x 55mm -----	
Displacement	97.7ml	----- 212ml -----	
Compression ratio	5.6 : 1	----- 9 : 1 -----	
Net power	1.4kw / 3600rpm	----- 4.4kw / 3600rpm -----	
Fuel consumption	≤450 (g/kw-h)	----- ≤395 (g/kw-h) -----	
Net torque	3N.m / 2500rpm	----- 12N.m / 2500rpm -----	
Pump set	1" circular type	2" clean pump	3" clean pump
Suction port dia.	25mm (1")	50mm (2")	75mm (3")
Discharge port dia.	25mm (1")	50mm (2")	75mm (3")
Suction head lift	6m	----- 8m -----	
Total head lift	28m	----- 28m -----	
Discharge capacity	8m ³ /h / 133Lt p/min	36m ³ /h / 600Lt p/min	60m ³ /h / 1000Lt p/min
Dimensions (LxWxH)	385 x 285 x 275	477 x 395 x 410	500 x 395 x 445
Net weight	12.5kg	23.5kg	25.5kg

Features

- Transistorised ignition for reliable starting
- Cast iron cylinder liner ensures consistent performance and durability
- Rugged full frame protection



RT80WB26-3.8Q

Trash Pump

Features

- Suitable for 30% softenite dirty water
- Also suitable as a clean water pump



RT150ZB20-7.2Q

6" Transfer

Features

- OHV engine technology by RATO
- High delivery rates
- Rugged full frame protection with anti-vibration mounts
- Cast iron volute and impeller with a silicon carbide seal



Specifications	RT80WB26-3.8Q	RT150ZB20-7.2Q
Engine model	R210 / 7hp	R420 / 15hp
Engine type	----- 4 stroke, OHV, single cylinder -----	
Starting system	----- Recoil start -----	
Bore x Stroke	70 x 55mm	90 x 66mm
Displacement	212ml	420ml
Compression ratio	9 : 1	8.5 : 1
Net power	4.4kw / 3600rpm	9.0kw / 3600rpm
Fuel consumption	≤395 (g/kw-h)	≤374 (g/kw-h)
Net torque	12N.m / 2500rpm	26.5N.m / 2500rpm
Pump set	3" semi trash	6" clean water
Suction port diameter	75mm (3")	150mm (6")
Discharge port diameter	75mm (3")	150mm (6")
Suction head lift	----- 7m -----	
Total head lift	26m	20m
Discharge capacity	66m³/h / 1100Lt p/min	140m³/h / 2333Lt p/min
Dimensions (L x W x H mm)	552 x 432 x 450	807 x 585 x 557
Net weight	35kg	68kg





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