

**Portable** **R** **series**

**R1100/R1700i**

**GENERATORS**  
**INVERTER GENERATORS**

*Your Power Source for Super Performance*



**FUJI HEAVY INDUSTRIES LTD.**



**SPECIFICATIONS**

Model		R1100		R1700i		
GENERATOR	Type	A.V.R.		Inverter		
	AC output	Frequency (Hz)	50	60	50	60
		Rated voltage (V)	110, 120, 220, 230, 240			
		Rated output (VA)	700	900	1400	
		Maximum output (VA)	850	1100	1650	
	DC output (V-A)	12 - 8.3				
	Power factor	1.0				
	Over current protector	Fuseless Circuit Breaker		Electronic Circuit Breaker		
Noise level at rated output (dB-7m)	56	59	59			
ENGINE	Model	EH09-2				
	Type	Air-Cooled, 4-Stroke, OHV Gasoline Engine				
	Displacement (mL)	85.8				
	Fuel	Automotive Unleaded Gasoline				
	Fuel tank capacity (L) [US gal.]	4.0 [1.1]				
	Continuous operating hours at rated output (h)	4.3	4.2	4.0		
	Starting system	Recoil starter				
	Dimensions L×W×H (mm) [in.]	490×295×445 [19.3×11.6×17.5]				
Dry Weight (kg) [lbs.]	25 [55]		20.5 [45.2]			

Specifications are subject to change without notice.

**Referential Charts - Wattage Requirements -**

Household Appliance	Wattage Requirements	
	Running (W)	For Starting(W)
Air Conditioner-10,000BTU	1500	3700
Coffee Maker	1000	1000
Computers-Desktop	800	800
Computers-Laptop	250	250
Computers-Monitor	250	250
Computers-Printer	600	600
Electric Fry Pan	1300	1300
Fan (Furnace)	200	300
Fan (Window)	200	300
Lights (bulb)	as stated on bulb	
Microwave Oven	800	1500
Radio	100	100
Refrigerator/Freezer	330	1200
Sump Pump	400	1300
Television-Color	300	300
Toaster Oven	750	750

Contractors' and Farm Equipments	Wattage Requirements	
	Running (W)	For Starting(W)
Battery Charger-4 AMP	90	90
Battery Charger-10 AMP	200	200
Battery Charger-15 AMP	250	250
Drill-3/8inch	475	650
Drill-1/2inch	750	900
Edge Trimmer1/2inch	850	1000
Electric Fence-25miles	380	380
Heater(Liquid Fuel)-50,000BTU	225	675
Heater(Liquid Fuel)-100,000BTU	420	1260
Hedge Trimmer	450	1050
Impact Wrench-1/2inch	600	750
Impact Wrench-1inch	1200	1400
Weed Cutter	500	600

Use the above charts as approximate guidelines only.



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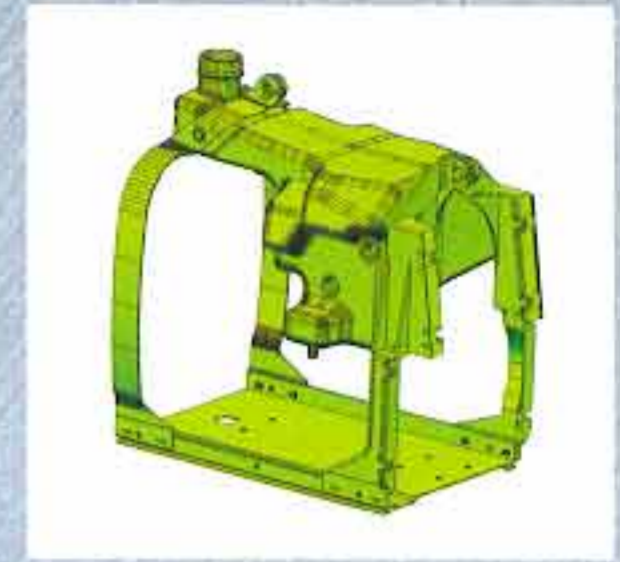




# Portable **R** series *High Performance, Light & Compact*

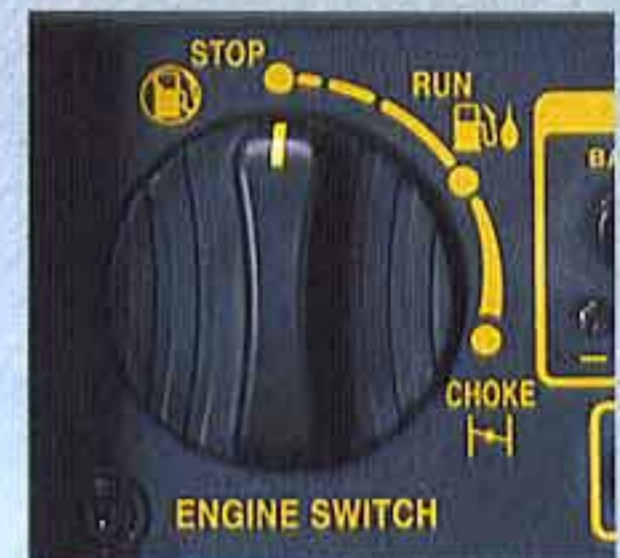
## Sturdy and Portable Construction

- Sturdy construction is realized by disposing a highly strong resin frame inside of enclosing cover made of resin and a highly strong plate made of aluminum as a bottom plate of frame.
- Thinner width of 290mm and large gripe possible to be handled by two persons realize superior carrying ability



## Easy Operation

- Easy operation is achieved by intensively disposing all controls and adjusting knobs on a control panel.
- Employment of a one-dial switch controlling fuel cock, operating switch and choke system achieves easier operation as well as realizes prevention of omitting close of fuel cock and/or return of choke.



ONE-DIAL SWITCH

## R1100



## R1700*i*





# Design and Quiet Operation are offered by Innovative Technology

## Easy maintenance

- Easy removal of large sized panels on both sides realizes easy maintenance.

## Quiet operation is realized by:

- Employment of optimum cooling system and large silent muffler
- Employment of double layer panels made of resin
- Appropriate disposition of sound attenuate material

## Special features on R1700i Inverter Generator

### 1. Extremely High Quality Output

- Employment of inverter control system achieves extremely high quality output (Less than 3% in voltage fluctuation, less than 1% in frequency fluctuation and less than 2.5% in wave distortion), which can cope with household power, even for precision instrument, personal computers, etc.

### 2. Extremely Quiet operation and Economical Fuel consumption

- Employment of auto-power saving system and highly effect multi-pole magnetic inner rotor type alternator realize extremely quiet operation (54 dB – 7m at 1/4 load) and improve fuel consumption (Continuous operation hours are 7 h at 50 Hz, 8 h at 60 Hz.)
- Digital ignition integrated in inverter control unit and an ignition coil with plug cap reduce noise of radio frequency.

### 3. High Practicability

- 1.4KW at rated output can cope with wider range of usage.



## STANDARD EQUIPMENT



**Auto Power Saving Function**  
Automatically control engine revolution corresponding to electric power consumption of equipment



**DC Output**  
Direct Current Output possible to charge battery (12V-8.3A)



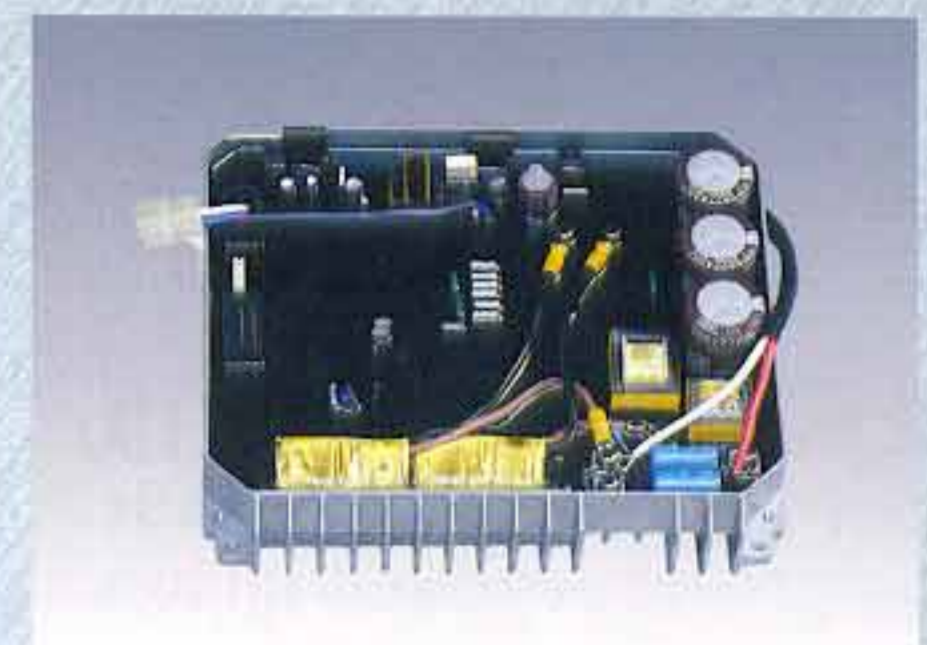
**Inverter Control**  
Supply high quality output



**Electronic Breaker**  
Alert in case of operation at excess load and then automatically cutout electric output for certain hours



**Oil Sensor with Alert Lamp**  
Alert in case oil level is too low and automatically stop the engine



INVERTER UNIT

OPTIONAL EQUIPMENT : Voltage Indicator