

The Reliable Supplier for Power System Solution

RICARDO 225-350 kVA



Easy maintenance canopy design



Refilling from the outside of the canopy



Warning system for decreasing fuel with electronic fuel level sender

Technical Specifications

ENGINE

- RICARDO series heavy duty diesel engine
- 4 cycle, water cooled, natural / turbocharged / turbocharged and air to air charge cooled
- Direct injection
- Electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our generators are manufactured in compliance with CE, ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007.

EXTRA EQUIPMENTS

- Charge ammeter
- Moulded case circuit breaker (in automatic models)
- Hospital/Critical type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-16 gensets
- 3 pole/4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater

- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter
- PMG warning system

CANOPY

- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output

GEN-SET SAFETY PROTECTION AND ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

Ricardo Series Diesel Generator Sets 225-350 kVA

MODEL		SPRC225	SPRC300	SPRC350
ENGINE				
BRAND		RICARDO	RICARDO	RICARDO
TYPE		R6110ZLD	W616.42D	STD12D.260
POWER (kW)	STAND BY	187	254	285
	PRIME	166	231	260
SPEED (rpm)		1500	1500	1500
CYCLE		4	4	4
DISPLACEMENT (l)		8,7	8,7	8,7
NUMBER OF CYLINDERS / ALIGNMENT		6 IN LINE	6 IN LINE	6 IN LINE
BORE AND STROKE (mm / mm)		113 / 125	126 / 130	126 / 155
COMPRESSION RATIO		17:1	17:1	17:1
GOVERNOR TYPE		ELECTRONIC	ELECTRONIC	ELECTRONIC
INDUCTION		TURBOCHARGED - AIR TO AIR CHARGE COOLED		
COOLING SYSTEM		WATER	WATER	WATER
FUEL CONSUMPTION (l/h)	100% OF PRIME POWER	38	50	60
	75% OF PRIME POWER	28,5	37,5	45
	50% OF PRIME POWER	19	25	30
	25% OF PRIME POWER	9,5	12,5	15
FUEL TANK CAPACITY (l)		380	500	600
GROUP				
GEN - SET POWER	STAND BY	225 kVA / 180 kW	300 kVA / 240 kW	350 kVA / 280 kW
	PRIME	202 kVA / 162 kW	270 kVA / 216 kW	315 kVA / 252 kW
CANOPY DIMENSION (W x L x H) (mm)		1200 x 3500 x 1800	1200 x 3500 x 1800	1300 x 4000 x 2500
CANOPY WEIGHT (kg)		2500	3800	3850
OPEN DIMENSION (W x L x H) (mm)		1000 x 2900 x 1600	1000 x 2900 x 1600	1100 x 3500 x 2200
OPEN WEIGHT (kg)		2000	3520	3350

Samurai Power reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.