

ReadyCraft

VOLVO PENTA

Diesel Generator Sets

ENGINE

- PERKINS series heavy duty diesel engine
- 4 cycle, water cooled, Turbocharged/Turbocharged after cooled
- Direct injection
- Rotary type pump
- 12 volt self-starter and charger alternator
- Mechanical / Electrical Governour System

DIESEL GENSET STANDARD FEATURES

- 8 hours operation base tank
- 3 Pole MCCB
- Industrial/residential type silencer
- 12 /24 V battery
- Diesel gen-set maintance and operating instructions and electriacal circuit diagram



ALTERNATOR

- Brushless, single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class
- Self exciter
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure

OPTIONAL EQUIPMENTS

- Charge ammeter
- Moulded case circuit braker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water seperator filter



SILENT

- Modular type sound-proof canopy
- 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
- USB port & RS-485 output
- High water temperature
- Low oil pressure
- High & low engine speed
- Over current load
- High & low genset voltage
- Engine run-time scheduler
- Start/stop failure



DIESEL GENERATOR SETS
Powered by VOLVO
1500rpm, 50 Hz, 380 – 415V



GENSET MODEL	PRIME		STANDBY		ENGINE TYPE	Cylinders	Bore x Stroke	Displacement	Aspiration	Compression Ratio	Fuel Consumption (l/hr)	Oil Capacity (liters)	Coolant Capacity (liters)	GENSET DIMENSION			
	KVA	KW	KVA	KW										APPROXIMATE			
														Open Type		Silent Type	
														LxWxH (cm)	Weight	LxWxH (cm)	Weight
RCVL85	85	68	94	75	TAD530GE	4	108 x 130	4.76	TC	17.5:1	13	13	17.5	225x90x190	1243	265x110x150	1768
RCVL100	100	80	110	88	TAD531GE	4	108 x 130	4.76	TC	17.5:1	20	13	19.7	225x90x190	1282	275x115x155	1800
RCVL130	130	104	143	114	TAD532GE	4	108 x 130	4.76	TC	17.5:1	27	13	22	230x95x210	1432	280x115x160	2672
RCVL152	152	122	167	134	TAD731GE	6	108 x 130	7.15	TC	18:1	32	20	23.8	275x95x210	1678	300x120x165	2772
RCVL185	185	148	204	163	TAD732GE	6	108 x 130	7.15	TC	18:1	38	34	32	280x100x210	1865	300x125x170	2774
RCVL200	200	160	220	176	TAD733GE	6	108 x 130	7.15	TC	18.1:1	43	34	32	280x100x210	1940	350x130x185	3163
RCVL250	250	200	275	220	TAD734GE	6	108 x 130	7.15	TC	17:1	48	33	41	298x100x210	2200	350x130x185	3673
RCVL326	326	261	359	287	TAD1341GE	6	131x158	12.78	TC	18.1:1	52	36	48	310x110x230	2681	400x140x205	3787
RCVL350	350	280	385	308	TAD1342GE	6	131x158	12.78	TC	18.1:1	62	36	48	310x110x230	2764	400x140x205	4143
RCVL375	375	300	413	330	TAD1343GE	6	131x158	12.78	TC	18.1:1	67	36	48	360x120x255	3005	400x140x205	4284
RCVL400	400	320	440	352	TAD1344GE	6	131x158	12.78	TC	18.1:1	72	36	48	360x120x255	3214	400x140x205	4290
RCVL450	450	360	495	396	TAD1345GE	6	131x158	12.78	TC	18.1:1	81	36	48	360x120x255	3217	500x160x225	4418
RCVL500	500	400	550	440	TAD1641GE	6	144x165	16.12	TC	16.5:1	100	42	93	350x125x255	3730	500x160x225	4937
RCVL570	570	456	627	502	TAD1642GE	6	144x165	16.12	TC	16.5:1	115	48	93	350x125x255	3837	600x200x235	5122
RCVL630	630	504	693	554	TWD1643GE	6	144x165	16.12	TC	16.5:1	125	48	93	360x140x255	4263	700x230x260	5482

Ratings based on ISO3046, BS5514, DIN 6271, ±5% tolerance. Standard reference conditions: air inlet temperature 27°C. consumption @ 75% prime load.

Prime rating: Continuous running at variable load. No limit to the annual hours of operations. 10% overload capability for 1 hour in any 12 hours.

Standby rating: Emergency power at variable load in the event of utility power failure. No overload is permitted.