



ReadyCraft

Diesel Generator Sets

GENERATING SET	RCYM8	RCYM10	RCYM12.5	RCYM17.5	RCYM20	RCYM35	RCYM40	RCYM50	RCYM60
SILENT TYPE DIMENSION (WxLxH) mm (approximate)	165x80x115	165x80x115	165x80x115	180x90x115	180x90x115	200x100x125	205x100x125	225x110x135	250x110x145
SILENT TYPE WEIGHT kg (approximation)	648	648	727	848	900	1164	1239	1482	1500
OPEN TYPE DIMENSION (WxLxH) mm (approximation)	132x55x128	132x55x128	132x55x128	132x55x128	132x55x128	165x75x130	165x75x130	200x80x124	200x80x124
OPEN TYPE WEIGHT kg(approximation)	434	480	533	650	750	910	980	1100	1300
STANDBY POWER (KVA/KW)	8.8	11	13.7	19.2	22	38.5/30.8	44/35.2	55/44	66/52.8
PRIME POWER (KVA/KW)	8	10	12.5	17.5	20	35/28	40/32	50/40	60/48
VOLTAGE	380/220	380/220	380/220	380/220	380/220	380/220	380/220	380/220	380/220
PHASE	3	3	3	3	3	3	3	3	3

ENGINE									
BRAND	YANMAR								
MODEL	3TNV76-GGE	3TNV82A-GGE	3TNV88-GGE	4TNV88-GGE	4TNV84T-GGE	4TNV98-GGE	4TNV98T-GEE	4TNV106-GGE	4TNV106T-GGE
COOLING SYSTEM	Water	Water	Water	Water	Water	Water	Water	Water	Water
NUMBER OF CLYNDER	3 in line	3 in line	3 in line	4 in line	4 in line	4 in line	4 in line	4 in line	4 in line
BORE x STROKE	74 x 78	84 x 90	84 x 90	88 x 90	84 x 90	98 x 110	84 x 90	84 x 90	88 x 90
DISPLACEMENT	1.116	1.331	1.642	2.190	1.995	3.319	3.319	4.412	4.412
COMPRESSION RATIO	23.5:1	19.1:1	19.1:1	19.1:1	18.9:1	18.5:1	18.5:1	18:1	18:1
ASPIRATION	Natural	Natural	Natural	Natural	Turbocharge	Natural	Turbocharge	Natural	Turbocharge
STARTING SYSTEM / ELECTRIC CIRCUIT (Volt)	Electric / 12	Electric / 12	Electric / 12	Electric / 12	Electric / 12	Electric / 12	Electric / 12	Electric / 12	Electric / 12
SPEED RPM	1500	1500	1500	1500	1500	1500	1500	1500	1500
SPEED GOVERNOR	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Maximum output (kw)	9	11	13,2	17	21	34	41.4	49.4	56
FUEL CONSUMPTION at 100% PRP L/h	1,96	2,31	2,89	3,8	5,4	8.3	8.5	10.93	11.7
TOTAL COOLANT CAPACITY (lt)	1	1,8	2	3	2,7	4.2	4.2	6	6
TOTAL LUBRICATION SYSTEM CAPACITY (lt)	3,5	6,9	6,7	7,9	7,9	10.5	10.5	14	14

ALTERNATOR									
TYPE	Brushless/shunt	Brushless/shunt	Brushless/shunt	Brushless/shunt	Brushless/shunt	Brushless/shunt	Brushless/shunt	Brushless/shunt	Brushless/shunt
POLES	4	4	4	4	4	4	4	4	4
INSULATION	Class H	Class H	Class H	Class H	Class H	Class H	Class H	Class H	Class H
EXCITER TYPE	Self Excitation	Self Excitation	Self Excitation	Self Excitation	Self Excitation	Self Excitation	Self Excitation	Self Excitation	Self Excitation
PROTECTION	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23

ENGINE

- YANMAR Series heavy duty diesel engine
- 4 cycle, water cooled & turbocharged
- Direct injection
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extention pipe

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

DIESEL GENSET STANDARD FEATURES

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