

Genset Model	Prime Power		Standby Power		Engine	Fuel Consumption (g/kwh)	Cylinder No.	Displacement (L )	Bore X Stroke (mm)
	KW	KVA	KW	KVA					
GNRC30	20	25	24	30	4B3.9-G	≤229	4	3.9	102*120
GNRC35	24	30	28	35	4BT3.9-G	≤214	4	3.9	102*120
GNRC56	40	50	45	56	4BTA3.9-G	≤215	4	3.92	102*120
GNRC63	45	56	50	63	4BTA3.9-G	≤215	4	3.92	102*120
GNRC70	50	63	56	70	6BT5.9G1	≤215	6	5.88	102*120
GNRC106	78	98	85	106	6BT5.9G	≤215	6	5.88	102*120
GNRC125	90	113	100	125	6BT5.9G2	≤215	6	5.88	102*120
GNRC150	104	130	120	150	6BT5.9G2	≤215	6	5.88	102*120
GNRC165	120	150	132	165	6CTA8.3-G2	≤210	6	8.3	114*135
GNRC200	140	175	160	200	6CTA8.3-G2	≤210	6	8.3	114*135
GNRC225	160	200	180	225	6CTAA8.3-G2	≤210	6	8.3	114*135
GNRC275	200	250	220	275	6LTAA8.9-G2	≤210	6	8.3	114*135
GNRC313	220	275	250	313	NTA855-G1A	≤206	6	14	140*152
GNRC350	250	313	275	350	NTA855-G2	≤207	6	14	140*152
GNRC400	280	350	310	400	NTA855-G4	≤208	6	14	140*152
GNRC413	300	375	330	413	NTAA855-G7	≤206	6	14	140*152
GNRC450	320	400	360	450	NTAA855-G7A	≤206	6	14	140*152
GNRC500	360	450	400	500	KTA19-G3	≤203	6	18.9	159*159
GNRC550	400	500	440	550	KTA19-G4	≤203	6	18.9	159*159
GNRC605	440	550	484	605	KTAA19-G6	≤204	6	18.9	159*159
GNRC625	450	563	500	625	KTAA19-G7	≤204	6	18.9	159*159
GNRC700	500	625	560	700	KTA38-G	≤206	12	37.8	159*159
GNRC712	520	650	570	712	QSK19-G3	≤206	6	19	159*159
GNRC800	580	720	640	800	KTA38-GA	≤209	12	37.8	159*159
GNRC825	600	750	660	825	KTA38-G2	≤210	12	37.8	159*159
GNRC888	640	800	710	888	KTA38-G2B	≤210	12	37.8	159*159
GNRC975	720	900	780	975	KTA38-G2A	≤210	12	37.8	159*159
GNRC1075	800	1000	860	1075	KTA38-G5	≤202	12	37.8	159*159
GNRC1375	1000	1250	1100	1375	KTA50-G3	≤215	16	50.3	159*159
GNRC1375	1100	1375	1310	1650	KTA50-G8	≤215	16	50.3	159*159
GNRC1650	1200	1500	1340	1675	KTA50-GS8	≤215	16	50.3	159*159
GNRC1675	1350	1688	1500	1875	QSK60-G3	≤215	16	60	159*159
GNRC1875	1500	1875	1650	2063	QSK60-G3	≤215	16	60	159*190
GNRC2063	1600	2000	1800	2250	QSK60-G4	≤215	16	60	159*190

#### Genset Features:

1. Genuine Commins industrial diesel engine
2. Radiator 40°C max, fans are driven by belt, with safety guard
3. Genuine stamford. Leroy somer, marathonm, engga alternator
4. Choice of manual/auto and AMF control panels and protection systems
5. Digital auto-start panel
6. Anti Vibration Suspension Absorber
7. Dry type air filter, fuel filter, oil filter
8. 10-hour operation base tank
9. Mould case circuit breaker
10. 24V DC start motor and storage battery
11. 24V charge alternator
12. 24V batteries, rack and cable
13. Rippl;e flex ehaust pipe, exhaust siphon, flange, and muffler
14. Comply with ISO and CE standards

15. All generator sets are gone through rigorous testing before being released to the market place, including 50% load, 75% load, 100% load and all protection function(over speed stop, high water temperature, low oil pressure, battery charging fail, emergency stop)

#### **Engine Features:**

1. Genuine Cummins industrial diesel engine
2. Multi-cylinder in-line or veer engine, 4-stroke, direct injection
3. Naturally aspirated, turbocharged, water cooled or turbocharged with air intercooler
4. Machinery or electronic governing
5. Fuel injection pump
6. Electric motor starting system
7. Forged steel crankshaft, cast iron cylinder and replaceable wet type cylinder liner
8. Low discharge, and low fuel consumption
9. Installed conveniently and maintain easily

#### **Alternator Features:**

1. **World famous brand AC alternator** : Leroy Somer, Stamford, Marathon, ENGGA
2. Brushless, 4 poles, rotation magnet
3. IP21-23(NEMA1) enclose is standard for all industrial alternators
4. H class insulation system
5. **AVR self-regulated, voltage regulation rate** :  $\leq \pm 1\%$
6. Simple installation and maintenance with easy access to terminals, rotating diodes and coupling bolts
7. Wide range of flange adaptors and single bearing disc coupling
8. Radio interference restraining accords with the stipulation of VDE0875-N and ISO8528
9. Moisture proof, sand-proof, dustproof, salt-proof and vibration-proof

#### **Digital Control panel**

Controller Brand: Smartgen, Deepsea, ComAp

**Control Panel** : English interface, LED screen and touch buttons.

#### **Main Functions:**

- 1- Display loading power, voltage, current, frequency, speed, temperature, oil pressure, running time etc.
- 2- Warning when low or high voltage, low or high frequency, over current, over or low speed, low or over battery voltage etc.
- 3- Over load protection, over/under frequency protection, over/under/imbalance voltage protection, and low oil shutdown

#### **Super Soundproof/Silent Box:**

1. Excellent ventilation
2. Oil tank mounted on base frame for 12 Hours working
3. Highly Corrosion Resistant construction
4. Excellent Access for Maintenance
5. Security and Safety
6.  $1m < 80\text{DBA}$  /  $7m < 70\text{DBA}$