

GLU-110-SC
GENERATOR SETS
CUMMINS Series

Prime Power	80kw / 100kva
Standby Power	88kw / 110kva
Voltage available	400/230V 50Hz

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Technical Data

Model		
Rated prime power	kva	100
Rated standby power	kva	110
Rated voltage line to line	V	230/400
Rated current	A	144,3
Maximum sound level	dB(@7m)	≤68

Engine - CUMMINS		
Model	6BT5.9-G2	
Air intake system	Turbocharged	
Fuel injection system	FR92830: BYC PB/GAC 24V	
No. Cylinders	6	
Displacement	5900	
Bore*Stroke	mm	102*120
Compression ratio	17.3:01	
Rated speed	r/min	1500
Rated power	Kw	96
Governor type	Electronic	
Start Motor	V	24

Exhaust System		
Exhaust gas flow	m³/min	/
Exhaust gas temp	°C	600
Max back pressure	kPa	10

Air Intake System		
Max intake restriction	kPa	6
Consumption	m³/min	/
Air flow	m³/min	/

Fuel System		
100% load(Prime power)	L/h	24,2
75% load(Prime power)	L/h	18,2
50% load(Prime power)	L/h	12,5
Fuel tank capacity	L	500

Lubrication System		
Total system oil capacity	L	16,4
Oil consumption	(g/kw.h)	0,2
Min oil pressure	MPa	1,5

Cooling System		
Engine coolant capacity	L	7,9
Thermostat	°C	82-95
Max top tank temperature	°C	104

Alternator - LEROY SOMER		
Model	TAL-A44-D	
Phase	3	
Voltage	V	230/400
Wiring Type	3 Phase 12 wire, Y type	
Bearing	1	
Power factor (cos φ)	0,8	
Frequency	Hz	50
Prime power	KVA	100
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±0.5
Protection Grade	IP 23	
Insulation grade	H	
Altitude	m	≤1000

- | Controller - Comap | |
|--|--------------|
| Model | AMF25 |
| Protective functions: | |
| Low oil pressure | |
| High water temperature | |
| High/low voltage | |
| High Engine Temperature and Overspeed. | |
| Voltage regulator frequency regulator | |
| Emergency stop | |
| Auto starting transfer | |

