PRAMAC GBL 42

Item code: SB390TDAV00

(purely indicative picture)

Main features

Standby power LTP	: **33 kW**
Rated prime power (PRP)	: **31 kW**
Rated continuous power (COP)	: **30 kW**
Phases	: **3**
Voltage	: **400 V**
Frequency	: **50 Hz**
Engine manufacturer	: **Deutz**
Fuel	: **Diesel**
Speed governor	: **Mechanical**

GBL Series

Designed for continuous high quality power supply demands, the GBL soundproof canopy offers protection making it suitable for open air activities.

Technical specifications

Main specifications

Type	Canopied
Standby power LTP	41 kVA
Standby power LTP	33 kW
Rated prime power (PRP)	39 kVA
Rated prime power (PRP)	31 kW
Rated continuous power (COP)	37 kVA
Rated continuous power (COP)	30 kW
Phases	3

Voltage	400 V
Frequency	50 Hz
Battery charger current	55 A
Circuit breaker	63
Ratio	0,94

Engine specifications

Engine manufacturer	Deutz
Model	BF4M2011
Stroke	4, diesel
Fuel	Diesel
Number of cylinders and disposition	4, inline
Displacement	3110 cm^3
Air intake	Turbocharged
Starting system	Electric
Nominal operating speed	1500 rpm
Speed governor	Mechanical
SAE	n.a.
Flywheel	n.a.
Continuous power COP	34,6 kW
Prime power PRP	36,4 kW
Standby power LTP	38,2 kW
Lube oil capacity	10 l
Coolant capacity	n.a.
Fuel consumption at 100% PRP	9 l/h
Fuel consumption at 75% PRP	7 l/h
Maximum lube oil consumption at PRP	0,5 %
Electric circuit voltage	12 V
Engine derating	1,0
Cooling fan	Mechanical

Alternator specifications

Alternator manufacturer	Stamford
Model	BCI 184J
Poles	4
Revolution speed	1500 rpm
Voltage	400 V
Frequency	50 Hz
Continuous nominal power at 40°C - COP	42,5 kVA
Continuous nominal power at 27°C - PRP	44 kVA

Standby power at 27 °C - LTP	45 kVA
Continuous active power at 27°C - PRP	35 kW
Efficiency at 75% load	86,6 %
Efficiency at 100% load	86,3 %
Maximum admitted overload	10% for 1 hour every 12 hours of running time S2
Voltage regulation system	Electronic
Alternator derating	1,0
Protection grade	IP 23

Additional information

Fuel tank location	Internal
Fuel tank capacity	51 l
Running time at 100% PRP	5,42 h
Running time at 75% PRP	7 h
Measured acoustic power (LWA) at 10 mt	91 dBA
Noise level at 7 m	66 dBA
Guaranteed noise level (LWA)	92 dBA

Dimensional data

Length	2000 mm
Width	920 mm
Height	1300 mm
Dry weight	942 kg