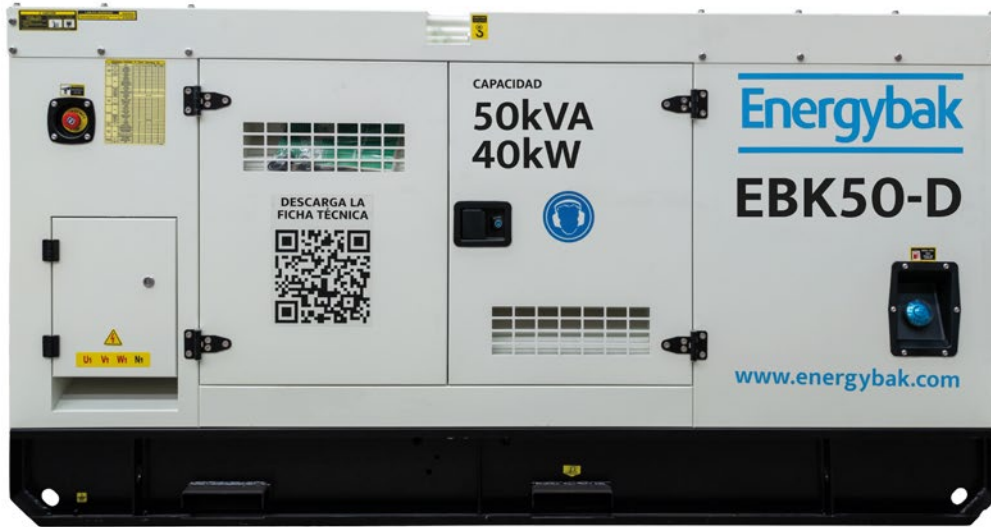


# 60 HZ DIESEL GENERATOR

FOR INDUSTRIAL PURPOSES

40KW



## OUTPUT POWER

Standby Power (ESP)	kVA	50
	kW	40
Rated Power (NG)	kVA	45
	kW	36

SIZE	W x L x H (mm)	Weight (kg)	Fuel Tank (kg)	Fuel Consumption 100% load
Silent Type	950X2200X1300	1187	100	10.7(lt/h)
Open Type	740X1700X1270	737	100	10.7(lt/h)

## OUTPUT POWER

The maximum power which a generating set is capable of delivering continuously whilst supplying a constant electrical load. Average load can be 100%. The generator must not be overloaded.

## STANDBY POWER

The max power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 hrs of operation per year under average of 70% load. Overloading isn't permissible.

## PRIME POWER

The maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hrs.



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# 60 HZ DIESEL GENERATOR

FOR INDUSTRIAL PURPOSES

## 40KW

### ENGINE

Manufacturer	CUMMINS	
Model	4B3.9-G2	
Cylinder Configuration	Inline	
No of Cylinders	4	
Engine Power-Standby	44	
Engine Power-Prime	40	
Engine Speed	1800	
Structural Form	Four Stroke	
Speed / Frequency 60Hz	1800rpm/60Hz	
Displacement	3.9	
Bore	1 02	
Stroke	120	
Compression Ratio	18:0:1	
Governor Type	Electronic	
Aspiration	Turbocharger	
Combustion System	Direct Injection	
Cooling System	Water Cooled	
Lubrication Oil Capacity	lt	10.9
Coolant Capacity	lt	27
Fuel Tank Capacity	lt	100
Fuel Consumption %100 60Hz	lt/h	10.7
Fuel Consumption %75 60Hz	lt/h	8.4
Fuel Consumption %50 60Hz	lt/h	6.2

### ALTERNATOR 184FS

No of Phases	Three	
Power Factor	0.8	
No of Bearings	Single	
No of Poles	4	
Wiring Method	Three-Phase,4-Wires	
Insulation Class	H	
Degree of Protection	IP23	
Excitation System	AVR(AutomaticVoltageRegulator), Brushless	



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