



Features: Portable Three Phase Silent Type Diesel Generator

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|  | <u>Oil Level Alarm</u>
When the oil level is low that the engine will not start. |  | <u>Circuit Protector</u>
Circuit Protector is a device capable of carrying and interrupting both load and fault current up to a certain rating |
|  | <u>AVR</u>
AVR is a device often solid state, for controlling the output voltage of a generator |  | <u>Large Fuel Tank Capacity</u>
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|  | <u>Digital control panel</u>
Digital control panel (V, A,HZ,KW,Bat V values are displayed on the control panel). |  | <u>Battery</u>
12 V – 36 A |
|  | <u>Sound insulated protection cabins</u>
Its designed to provide ideal sound level & protection. |  | <u>Wheel transport system</u> |
|  | <u>ATS Socket</u> |  | <u>Optional Single phase AND Three phase</u>
The possibility of switching between single 230V and three phases380V |
| | |  | <u>Emergency Stop</u> |

Specification

Genset		Engine		Size	
Standby	8 kW /10 kVA	Model	195FE	Weight	168/177 kg
Prime	7.2kW /9 kVA	Max. Output Power	12.2 hp /9 kW	Width	565 mm
Rated Current	36 / 43/14.4 A	Rotation Speed	3000 / 3600 r/min	Length	995 mm
Dc Output	12V 8.3A	Cooling System	Air-Cooled	Height	780 mm
Starting System	Electrical Start	Oil Type	10W-30 or 15W-40		
Rated Voltage	220 / 380 (V)	Fuel Tank Capacity	17 L		
Fuel Type	Diesel	BorexStroke	95x75 mm		
Number of Phases:	Three Phase/ single Phase	Displacement	0.531 L		
Noise Level	74 Db(A)	Excitation Mode	SCR Self-Excited		
Continuous Operating Time	13 H	Lubrication oil capacity	1.65 L		
Rated Frequency	50 Hz	Engine Type	1 Cylinder, 4Stroke, Direct Injection, Diesel Engine		
Power Factor (cosφ)	0.8				

Continuous Power

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

Standby Power

The maxpower 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 utilitypower 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 continuouslywhilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hrs.