TECHNICAL SPECIFICATION

DEUTZ POWERED GENERATOR SETS: M-F35

Quality Standards

Our diesel generating sets meets the following standards:
GB/T2820, GB1105, YD/T502, ISO3046, ISO8525, ISO8525-3-5-6.

Factory Test

Each our generating sets must be got through 1 hour load test for running 0%, 25%, 50%,75%, 100% and 110% load before dispatch, All protective devices, control functions are simulated and it's system checked, proved and then passed for dispatch. A test certificate can be provided upon request.

MAIN SPECIFICATIONS OF GENERATOR SETS

Diesel Generator Set	
GENSET MODEL NOS.	**M-F35**
Rated speed / frequency	1500 rpm / 50 Hz
Continuous output（KW/KVA）	24⁄30
Standby output（ KW/KVA ）	28⁄35
Voltage, Phase and wire	400V⁄230V, 3 Phase and 4 Wires
Rated power factor	0.8（lagging）
Maximum output current(A)	42
Genset type	Open type
Dimension(L*W*H) (mm)	1235*685*1080
Weight(kg)	755
Rating Definitions (Operation at Altitude ≤1000m, Ambient temperature ≤ 40□) **Continuous Power** These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.	
Diesel Engine	
DIESEL ENGINE MODEL	**F3L912 (DEUTZ)**
Engine Characters	Air-cooled, 3 cylinders in line, 4-cycle, direct injection
The maximum output（kw）	26
Aspiration	Natural inspire
Bore(mm)×Stroke (mm)	102X120
Compression ration	17:1
Fuel consumption(g/kwh)	232(100% load)
Displacement(Liters)	1.88

Compress air flow(m3/min)	2.12
Exhaust gas flow(m3/min)	2.18
Exhaust highest temperature	500□
Lub-oil pan capacity(L)	11
Voltage for start(V)	24
Instrument for adjusting speed	Mechanical
Noise level(A)	≤80dBA
ALTERNATOR	
ALTERNATOR MODEL	**LSA42.2L9(Leroy Somer)**
Excitation	Brushless
Insulation class	H
Protection class	IP23
Efficiency	86.4%
Voltage Regulation	±1% with 4% engine governing
Waveform Distortion	No load<1.5% and non-distorting balanced linear load<5%
THF/TIF	<2%/50%

In line with our policy of continuous product development, we reserve our right to change the above specifications without notice.

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