## DIESEL GENERATOR SET TECHNICAL DATA

MINYUAN GENERATOR SET MODEL     Generator power (KW)     Generator power (KVA)     Max.Engine power (KW)     Engine Model     Manufacturer     Cylinder Arrangement     Cooling System     Governor Type     Starting System     Engine Filter     Fuel System     Displacement (L)     Compression Ratio     Rated RPM     Bore and Stroke (mm)     100% (Prime power)load (L/h)     Air Flow (m³/s)     Burning Capacity (m³/s)     Exhaust Gas Flow (m³/s)     Exhaust Temperature (°C)     Total Oil Capacity (L)	ater-cooled, radiator 40 °C I 24V Dry type air	Standby output     110     137.5     120     BD226B-6D     DEUTZ     6 in line     max, fans are driven by belt, with safet     guard     Mechanical     / one way statt     filter, fuel filter, oil filter     type fuel pump     6:23     16:0:1     1500     105x120     29.0     120     9     19.75
Generator power (KVA)Max.Engine power (KW)Engine ModelManufacturerCylinder ArrangementCooling SystemGovernor TypeStarting SystemEngine FilterFuel SystemDisplacement (L)Compression RatioRated RPMBore and Stroke (mm)100% (Prime power)load (L/h)Air Flow (m³/s)Burning Capacity (m³/s)Exhaust Gas Flow (m³/s)Exhaust Temperature (°C)	125 T ater-cooled, radiator 40 °C 1 24V Dry type air At	137.5   120   BD226B-6D   DEUTZ   6 in line   max, fans are driven by belt, with safet   guard   Mechanical   / one way start   filter, fuel filter, oil filter   type fuel pump   6.23   16.0:1   1500   105x120   29.0   120   9
Max.Engine power (KW)Engine ModelManufacturerCylinder ArrangementCooling SystemGovernor TypeStarting SystemEngine FilterFuel SystemDisplacement (L)Compression RatioRated RPMBore and Stroke (mm)100% (Prime power)load (L/h)Air Flow (m³/s)Burning Capacity (m³/s)Exhaust Gas Flow (m³/s)Exhaust Temperature (°C)	T ater-cooled, radiator 40 °C 1 24V Dry type air At	120     BD226B-6D     DEUTZ     6 in line     max, fans are driven by belt, with safet     guard     Mechanical     / one way start     filter, fuel filter, oil filter     type fuel pump     6.23     16.0:1     1500     105x120     29.0     120     9
Engine Model     Manufacturer     Cylinder Arrangement     Cooling System     Governor Type     Starting System     Engine Filter     Fuel System     Displacement (L)     Compression Ratio     Rated RPM     Bore and Stroke (mm)     100% (Prime power)load (L/h)     Air Flow (m³/s)     Burning Capacity (m³/s)     Exhaust Gas Flow (m³/s)     Exhaust Temperature (°C)	ater-cooled, radiator 40 °C 24V Dry type air At	BD226B-6D DEUTZ 6 in line max, fans are driven by belt, with safet guard Mechanical / one way stat filter, fue filter, oil filter type fuel pump 6:23 16:0:1 1500 105x120 29:0 120 9
ManufacturerCylinder ArrangementCooling SystemGovernor TypeStarting SystemEngine FilterFuel SystemDisplacement (L)Compression RatioRated RPMBore and Stroke (mm)100% (Prime power)load (L/h)Air Flow (m³/s)Burning Capacity (m³/s)Exhaust Gas Flow (m³/s)Exhaust Temperature (°C)	ater-cooled, radiator 40 °C 24V Dry type air At	DEUTZ 6 in line max, fans are driven by belt, with safet guard Mechanical / one way start filter, fuel filter, oil filter type fuel pump 6.23 16.0:1 1500 105x120 29.0 120 9
Cylinder ArrangementCooling SystemWaGovernor TypeStarting SystemEngine FilterFuel SystemFuel SystemDisplacement (L)Compression RatioRated RPMBore and Stroke (mm)100% (Prime power)load (L/h)Air Flow (m³/s)Burning Capacity (m³/s)Exhaust Gas Flow (m³/s)Exhaust Temperature (°C)	24V Dry type air At	6 in line     max, fans are driven by belt, with safet     guard     Mechanical     / one way start     filter, fuel filter, oil filter     type fuel pump     6.23     16.0:1     1500     105x120     29.0     120     9
Cooling SystemWaGovernor TypeStarting SystemEngine FilterEngine FilterFuel SystemDisplacement (L)Compression RatioRated RPMBore and Stroke (mm)100% (Prime power)load (L/h)Air Flow (m³/s)Burning Capacity (m³/s)Exhaust Gas Flow (m³/s)Exhaust Temperature (°C)	24V Dry type air At	max, fans are driven by belt, with safet guard Mechanical / one way statt filter, fuel filter, oil filter type fuel pump 6.23 16.0:1 1500 105x120 29.0 120 9
Governor Type     Starting System     Engine Filter     Fuel System     Displacement (L)     Compression Ratio     Rated RPM     Bore and Stroke (mm)     100% (Prime power)load (L/h)     Air Flow (m <sup>3</sup> /s)     Burning Capacity (m <sup>3</sup> /s)     Exhaust Gas Flow (m <sup>3</sup> /s)     Exhaust Temperature (°C)	24V Dry type air At	guard Mechanical / one way start filter, fuel filter, oil filter type fuel pump 6.23 16.0:1 1500 105x120 29.0 120 9
Starting SystemEngine FilterFuel SystemDisplacement (L)Compression RatioRated RPMBore and Stroke (mm)100% (Prime power)load (L/h)Air Flow (m³/s)Burning Capacity (m³/s)Exhaust Gas Flow (m³/s)Exhaust Temperature (°C)	24V Dry type air Art	/ one way start filter, fuel filter, oil filter type fuel pump 6.23 16.0:1 1500 105x120 29.0 120 9
Starting SystemEngine FilterFuel SystemDisplacement (L)Compression RatioRated RPMBore and Stroke (mm)100% (Prime power)load (L/h)Air Flow (m³/s)Burning Capacity (m³/s)Exhaust Gas Flow (m³/s)Exhaust Temperature (°C)	Dry type air At	filter, fuel filter, oil filter type fuel pump 6:23 16:0:1 1500 105x120 29:0 120 9
Engine FilterFuel SystemDisplacement (L)Compression RatioRated RPMBore and Stroke (mm)100% (Prime power)load (L/h)Air Flow (m³/s)Burning Capacity (m³/s)Exhaust Gas Flow (m³/s)Exhaust Temperature (°C)	Dry type air At	filter, fuel filter, oil filter type fuel pump 6:23 16:0:1 1500 105x120 29.0 120 9
Fuel SystemDisplacement (L)Compression RatioRated RPMBore and Stroke (mm)100% (Prime power)load (L/h)Air Flow (m³/s)Burning Capacity (m³/s)Exhaust Gas Flow (m³/s)Exhaust Temperature (°C)	At	type fuel pump 6.23 16.0:1 1500 105x120 29.0 120 9
Displacement (L)Compression RatioRated RPMBore and Stroke (mm)100% (Prime power)load (L/h)Air Flow (m³/s)Burning Capacity (m³/s)Exhaust Gas Flow (m³/s)Exhaust Temperature (°C)		6.23 16.0:1 1500 105x120 29.0 120 9
Compression RatioRated RPMBore and Stroke (mm)100% (Prime power)load (L/h)Air Flow (m³/s)Burning Capacity (m³/s)Exhaust Gas Flow (m³/s)Exhaust Temperature (°C)	26.4	16.0:1 1500 105x120 29.0 120 9
Rated RPMBore and Stroke (mm)100% (Prime power)load (L/h)Air Flow (m³/s)Burning Capacity (m³/s)Exhaust Gas Flow (m³/s)Exhaust Temperature (°C)	26.4	1500 105x120 29.0 120 9
Bore and Stroke (mm)100% (Prime power)load (L/h)Air Flow (m³/s)Burning Capacity (m³/s)Exhaust Gas Flow (m³/s)Exhaust Temperature (°C)	26.4	105x120 29.0 120 9
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Air Flow (m <sup>3</sup> /s) Burning Capacity (m <sup>3</sup> /s) Exhaust Gas Flow (m <sup>3</sup> /s) Exhaust Temperature (°C)		9
Burning Capacity (m <sup>3</sup> /s) Exhaust Gas Flow (m <sup>3</sup> /s) Exhaust Temperature (°C)		9
Exhaust Gas Flow (m <sup>3</sup> /s) Exhaust Temperature (°C)		19.75
		500
	11	13
Total Coolant Capacity (L)		27
Alternator model	Y	TFW-100
Manufacturer	¥	MINYUAN
Opening switch	MC	CCB Air switch
Rated voltage/frequency	400/230V; 50Hz	
Voltage Adjust range		< 5%
Voltage Regulation	≥ 95% - 105%	
Voltage Regulation, Steady State		< ±1%
Exciter Type	Brushless, self-exciting	
Insulation Class/Protection Grade	Class H/IP23	
Efect factor of telecom TIF/THF	TIF<50/THF<2%	
Connecting type	3 phase and 4 wires	
Random accessories B	Battery, battery's cable, Ripple flex exhaust, exhaust siphon, flange	
Open type - Overall size (mm)	2470x850x1700	
Weight (kg)		1200
Soundproof type - Overall size (mm)	3230x1170x1800	
Weight (kg)	1900	