

Open frame diesel generator HAC1780G



Note: The photos of generator are only for your reference.

Model: HAC1780G

Standard Working Condition: Working temperature \leq 45 $^{\circ}$ C; Altitude \leq 1525m(N,K) ; Relative Humidity \leq 60%

GENERATOR SET	Gen-set Model	GSC1780G
	Standby Power	1780kW
	Prime Power	1677kW
	Rated Current	3025.3A
	Power Factor	0.8LAG
	Phase Wire	(3P4W)
	Output Voltage	230V/400V
	Frequency	50HZ
	Dimension (Length \times Width \times Height)	6400 \times 2150 \times 2750
	Net Weight	18000kg
DIESEL ENGINE	Diesel Engine Model	QSK60-G4
	Diesel Engine	60 $^{\circ}$ V-16 cylinder、Four stroke、Direct injection
	Air intake Way	Turbo, Intercooler
	Continuous Power	1730kW
	Standby Power	1915kW
	Bore \times Stroke	159 mm X190mm
	Displacement	60L (3673)
	Speed(rpm)	1500r/min
	Starting Way	24VElectric Motor Starters
	Min fuel Consumption	206g/kW.h
	Oil Consumption	0.15L/h
	Cooling Way	Closed Cooling System
	Compression Rate	14.5: 1
	Oil Pan Capacity	261/231L
	Max Exhaust Back Pressure	51
intake air Flow (l/s)	2405	
Exhaust Flow(l/s)	5610	

	Exhaust Temperature	450℃	
AC Alternator	Generator Model	MX-1700-4	
	Excitation Way	Permanent magnet	
		Brushless	
	Cooling Way	Axial、Self-ventilated	
	Insulation Level	H	
	Voltage Fluctuation Ratio	≤±0.5%	
	Voltage Recovery Time	<1S	
	Frequency Fluctuation Ratio	≤±0.25%	
Control System	Controller Model	GU641CC (Harsen H·K)	
	Control Module Model		
	Oil pressure under normal work	Idle Speed	650rpm
		Rated Speed	1500rpm
	Normal Cooling Water Temperature	86℃	
	Low oil pressure alarm level	140kpa	
	High Coolant temperature alarm level	98℃	
	Starting way	Self-startup/Manual/Remote Control	
Communication Interface			

Standard conditions:

Ambient temperature≤38℃, Altitudes≤1525m, Relative Humidity≤60%

