

HL120 Perkins Diesel Generator Set Technical Data

Standby power (50HZ)
Prime Power (50HZ)

132KW / 165KVA
120KW / 150KVA



Note :
 Due to keeping innovation,
 the specification and
 Machine pictures or color
 are subject to alteration
 without notice!

DIESEL ENGINE

ENGINE SPECIFICATIONS

Engine Model	1006TAG2		
Manufacturer	PERKINS		
Number of cylinders	6	cycle	four stroke
Air intake way	Turbocharged	Bore(mm)	100
Stroke (mm)	127	Compression ratio	17.0:1
Cubic capacity (L)	5.99	Engine weight, dry (kg)	586

GENERAL INSTALLATION

Engine rated speed (rpm)	1500	Exhaust gas temperature outlet (max) (°C)	580
Gross engine power-prime (kw)	136.8	Gross engine power-Standby (kw)	150.5
Brakes mean effective pressure (kPa)	1825	Mean piston speed (m/s)	N/A
Engine coolant flow (L/min)	140	Combustion air flow (m3/min)	10.1
Exhaust gas flow (max) (m3/min)	29.1		