

Perkins-Lovol series Diesel Generator Set



Character:

High Density of Power: Higher power output than competitive models at close displacement, the power of 3-cylinder can reach 4-cylinder level of competitor.

Low Fuel Consumption: Adopted European patent Quadram combustion chamber which can reduce fuel consumption, emission and noise, meanwhile raise engine power.

Good Appearance: Similar to original products of UK Perkins.

High Performance Cost Rate: Having the similar performance of original products of UK Perkins, but the price is very competitive.

Good Cold Start Performance: Started normally at -10°C without preheater, started smoothly at -25°C through flame preheating cold start device, meanwhile -40°C start solution is available.

Technical data:

Technical Parameter of Perkin-Vovol Diesel Genset and Mobile Power Plant(30~120KW, 50HZ)									Diesel Engine					Alternator	
Model	Rated Power (KW)	Apparent Power (KVA)	Fuel Consumption Rate(g/kw*h)	Lubricationg Oil Consumption Rate	Dimensions			Unit Net Weight(kg)	Model	No. of Cylinder	Bore (mm)	Stroke (mm)	Displacement (L)	Rated Power (KW)	Rated Current (A)
					Length (mm)	Width (mm)	Height (mm)								
AP-30P	30	37.5	210	≤1.05	1750/2500	815/1300	1200/1710	800/2000	1004G	4/L	100	127	3.99	30	54
AP-50P	50	62.5	205	≤0.42	1750/4150	860/2140	1350/2250	925/2500	1004TG	4/L	100	127	3.99	50	90
AP-60-75P	60-75	75-93.75	205	≤0.42	2200/4150	860/2140	1140/2250	1300/2800	1006TG1A	6/L	100	127	3.99	60-75	108-135
AP-80-90P	80-90	100-112.5	205	≤0.42	2400/4150	860/2140	1400/2250	1400/2900	1006TG2A	6/L	100	127	3.99	80-90	144-162
AP-100-120P	100-120	125-150	205	≤0.42	2500/4150	860/2140	1420/2250	1500/3000	1006TAG	6/L	100	127	3.99	100-120	180-216

Cooling System: Water Cooled

Rated Voltage :400V

Starting System: Electric Start

Power Factor:0.8 Lag

Excitation Type: Brushless Excitation

Power Frequncy:50HZ

Insulative Grade:H

Rated Speed:1500rpm/min

Protective Grade:IP22

Phase:3