

## DIESEL ENGINE



**KM170F**



**KM186FA**

Model	KM170F		KM178F		KM186FA	
Engine Type	1-cylinder, 4-Stroke, Vertical, Direct Injection, Air-cooled, Diesel Engine					
Bore*Stroke (mm)	70*57		78*64		86*72	
Displacement (ml)	219		305		418	
Compression Ratio	20		20		19	
Rated Power (kW)	2.5		3.68		5.7	
Rated Speed (r/min)	3000					
Lubricating System	Pressure Splashed					
Starting System	Recoil Start		Recoil Start / Electric Start			
Shaft Diameter (mm)	19.05		19.05/25.4		25.4 / 19.05	
Shaft Type	Key	Thread	Key	Thread	Key	Thread
Rotation Direction	Anticlockwise					
Fuel Tank Capacity (L)	2.5		3.5		5.5	
Fuel Consumption (g/kW.h)	280.2/3000		276.1/3000		275.1/3000	
Compression Ratio	20		20		19	
Rated Power (kW)	2.5		3.68		5.7	
Starting Motor Capacity (V-kW)	12V 0.8kW					
Charging Generator Capacity (V-A)	12V 3A					
Battery Capacity (V-Ah)	12V 24Ah-36Ah					
Packing Dimension (cm)	33.5*38*41.5		38.5*42*45		42*44*49.5	
Weight (kg)	27		33		47	