

## KDE12STA



### Description

\*The direct combustion chamber delivers perfect combustion and low noise.

\*The air intake and outlet pipe are separated, which avoids the turbulence, resulted much smooth air cycling.

Rated frequency (Hz)	50	60
Rated voltage (V)	230	120/240
Rated current (A)	36.9	79.2/39.6
Rated power (kVA)	8.5	9.5
Max. power (kVA)	9.5	10.5
Rated speed (r/min)	3000	3600
Power factor (cosφ)	1.0	
Phase number	Single	
Pole number	2	
Excitation mode	Self-excitation and constant voltage(AVR)	
Panel type	Digital control panel (the first generation)	
ATS type	without ATS	
Alternator type	KT12	
Structure type	Super-silent	
fuel tank capacity ( L )	25	
fuel consumption (g/kw.h)	340	
continuous running time ( hr ) (at rated power)	8	
Noise level ( dBA/1m ) ( at rated load )	70~74	
Dry weight (kg)	245	
Overall dimension (mm)(L×W×H)	1020×580×820	
Starting system	12V electric starter	
fuel type	0#(summer) , - 10#(winter) , - 35#(chill cold) diesel	
lube oil brand	L-ECD grade 15W30 or 15W40	
engine model	KM2V80	
engine type	V-twin, 4-stroke, water cooled, swirl type, diesel engine	
Bore×stroke (mm)	80× 79	
Displacement (cm <sup>3</sup> )	0.794	
Compression ratio	23.0:1	
Rated power (kW/rpm)	12.5/3000	14.5/3600
The lowest fuel consumption (g/kw.h)	3000r/min:275	3600r/min:287