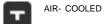


SPECIFICATION DS-8000S-PS













PDE Series Generating Rates

SEVICE		DS-8000-PS	DS-8000S-PS
Rated Power(50/60HZ)	Kva	6.7/7.4	8.3/8.8
Max Power(50/60HZ)	Kva	7.4/8. 1	8.9/9.5
Rated Speed	r.p.m	3000/3600	3000/3600
Standard Voltage	V	110/220/230	110/220/230
Rated Frequency	HZ	50/60	50/60
Power factor	Cos Phi	1	0.8
Fuel Consumption(L/kw.hr)	L	0.285	0.285
Noisy Level	db@7m	Open:85	Silent:70
Dimension(LxWxH)	mm	Open: 750x510x640	Silent:945x565x790
Gross Weight	kg	Open: 130	Silent: 170

.

 $^{^{*}}$ All above products with quality certification ISO 9001, CE



SPECIFICATION DS-8000S-PS

Application Data



Engine For	DS-8000S-PS	
Engine Model	PW195FE	
Туре	Single cylinder, in-lined, 4-stroke, air-cooled, direct injection	
Bore*stroke[mm(in)]	95*75	
Displacement[ml(cu. in)]	532	
Compression ratio	19: 1	
Rated output power[kW/rpm]	7.5/3000 8.2/3600	
Lubrication system	Pressure splashed	
Lube oil brand	Above CD SAE 10W-30, 15W-40	
Fuel consumption rate[g/kW .h]	3000rpm: ≤ 285 3600rpm: ≤ 287	
Fuel type	Diesel 0#(summer)or- 10#(winter),-35#(cold)	
Fuel tank capacity(L)	12.5L(Open)/ 16(Standard Silent)/ 28(Larger Fuel tank Canopy)	
Continuous running time(H)	8/ 16	

Alternator For	DS-8000S-PS	
Model	FG8K	
Wiring Material	100% Copper	
Alternator Size (LxW mm)	190*148	
Voltage (V)	110V/220V/230V	
Frequency (hz)	50hz/60hz	
Voltage distortion rate	< 10%	
Insulation grade	F	

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SPECIFICATION

Output (kva)	8kva-9kva	
Phase number	1/3	
Power factor (Cos Phi)	1/0.8	

Starting System	PDE9800	
Starting system	12V Electric starter	
Starting motor capacity	12V 0.8KW	
Charging generator capacity	12V 3A	
Battery capacity	12V 30AH	

Automatic Trasnfor Switch(ATS) For	PDE9800	
ATS Model	ATS-5	
ATS Type	Portable ,External	



SPECIFICATION

Generator Feature

Advanced alternator winding
Cow oil alarm system

Application of new AVR Strong power

Two- stage muffler device

Scientific damping effect, patent two-stage muffler silencer, advanced air-flue design and muffler device.

Strong power

With DS POWER four-stoke diesel engine, new tip-clearance fuel pump and bottom inertia injection technology, makes burning full and power strong.

High conversion efficiency

100% copper alternator, class F insulation, high conversion efficiency, smart AVR controller ensures stable voltage and less voltage waveform distortion

Preheating device

With air-preheating device, it can be easily started at low temperature .

Optional items

Remote control, more control distance and control as your kindly heart.

Remoter: control anytime anywhere freely.

Digital Control Panel

ATS Control to make the city power and generator change more easy.

ATS: automatic transfer from city power and gen-set power.

It can be used Smart digital panel to make the generator more easy and safe using .

Intelligent digital control panel: with overload, over voltage, over current and low oil pressure protection function.

DS SERVICIOS MULTIPLES, SRL.

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