

General Generator

Diesel generator series



DEHRAY RD12 SERIES HAS THE SUPPORT OF WORKING PROFESSIONALS EVERYWHERE.

This diesel powered generator line is produced in three versions to accommodate the most common applications. All offer great durability, low vibration, quiet operation, and recoil or convenient electric starting.

FEATURES AND BENEFITS

Robust and durable

Compact, robust and resilient structures ensure long unit life and quiet operation. Thicker paint treatments resist the wear and tear caused by extreme environmental conditions.

Cleaner, safer and quieter

All DEHRAY generators meet or exceed relevant standards for noise and emissions regulations.

Designed to be easily transported

A compact design makes it easy to fit into tight confines and still provide optimum performance.

Easy to use

The control panel is simple and easy to operate. Built in monitoring of the unit's performance provides a high level of information on the generator's status.



Designed for simple serviceability

Large service doors provide easy access to preventive maintenance and service checks.



Diesel Generator Sets

Generator set		RDE12STA3		RDE12STAi3	
Rated frequency	Hz	50	60	50	60
Rated power	kVA	10	11.5	10	11.5
Max. power	kVA	11	12.65	11	12.65
Rated voltage	V	400/230	416/240	400/230	416/240
Rated current	A	14.4	16	14.4	16
Rated rotation speed	r/min	3000	3600	3000	3600
Generator					
Pole No.		2		2	
Phase number		Three phase		Three phase	
Excitation mode		Self-exciation and constant voltage(with AVR)		Self-exciation and constant voltage(with i-AVR)	
Power factor	COSΦ	0.8(lag)		0.8(lag)	
Insulation grade		F		F	
Engine					
Engine type		RD2V80G		RD2V80G	
Structure type		V-twin, 4-stroke, water-cooled		V-twin, 4-stroke, water-cooled	
Bore x stroke	mm	80×79		80×79	
Displacement	L	0.794		0.794	
Compression ratio		23:1		23:1	
Rated power	kW	12.5	14.5	12.5	14.5
Lubrication system		Pressure splashed		Pressure splashed	
Lube oil brand		Above CD or SAE 10W-30, 15W-40		Above CD or SAE 10W-30, 15W-40	
Lube capacity	L	2.27		2.27	
Starting system		12V Electric starter		12V Electric starter	
Charging generator capacity	V-Ah	12V 36Ah		12V 36Ah	
Fuel consumption ratio	g/kW.h	285	297	285	297
Fuel type		Diesel : 0# (summer), -10# (winter), -35# (chillness) Diesel : 0# (summer), -10# (winter), -35# (chillness)			
Genset					
Panel type		Smartgen		Smartgen	
Output	Receptacle	2-Single phase		2-Single phase	
	Connection pole	with		with	
Nosie level(7m)	dB(A)	72		72	
Fue tank capacity	L	26		26	
Overall dimensions	mm	1350×650×760		1350×650×760	
Net weight	kg	310		310	

