

POWER WITH CARE



SOME OF THE WORLD'S BEST GENSET BRANDS RELY ON

TATA MOTORS

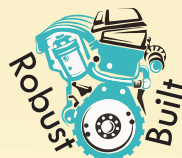
INDIA'S LARGEST DIESEL ENGINE MANUFACTURER

#HINDUSTANKAGLOBALGENSET



TECHNICAL SPECIFICATIONS - VD SERIES																	
DG SET	DG Set Model	RT-20 [^]	RT-25	RT-30	RT-35	RT-40	RT-45	RT-50	RT-62.5	RT-75	RT-82.5*	RT-83	RT-100	RTS-125	RT-125		
	Rating (kVA)	20	25	30	35	40	45	50	62.5	75	82.5*	82.5	100	125	125		
	Rating (kW)	16	20	24	28	32	36	40	50	60	66	66	80	100	100		
ACOUSTIC ENCLOSURE	Starting System	12V DC															
	Battery (Ah)	90										100					
	Canopy Size : LxBxH (mm)	2350 x 1030 x 1425						2850 x 1100x 1550				3200 x 1200 x 1800					
	Weight (Kg)	950	1000	1020	1030	1040	1450	1500	1520	1580	1610	1750	1800	1850	2050		
	Fuel Tank Capacity (Ltrs)	130						180				250					
	Thickness of Foam In doors	40						50				75					
	Density of Foam for Sound Insulation	32						38				50					
	Steel Thickness in Acoustic	Base 3 mm Rest of Canopy 1.6 mm															
ENGINE	Engine Model Family	497SP	497SPTC						497TC				697TC				
	Engine Make																
	Engine Power (Bhp)	32.5	40.2	48.2	56.3	56.3	56.3	75.7	90	99.8	99.8	120	125.3	156	156		
	Rated Speed (RPM)	1500															
	No. of Cylinders	4										6					
	Bore (mm)	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	
	Stroke (mm)	100	100	100	100	100	100	128	128	128	128	128	128	128	128	128	
	Total Displacement (CC)	2960						3800				5700					
	Lube oil Sump Capacity (Ltrs)	7						10				15					
	Total Coolant Capacity (Ltrs)	13						14				18					
	Oil Change Period	500 Hrs Or 6 Months Which Ever Is Earlier															
	Compression Ratio	17.5 : 01															
	Aspiration	Natural	Turbo Charged														
	Cooling System	Water/Coolant															
	FIP	Inline Pump (Mico Bosch)										Rotary / Inline Pump	Rotary Pump (Mico Bosch)	Inline Pump (Mico Bosch)			
	Governing Type	Mech-A1 Governing										Electronic / Mech-A1 Governing	Electronic-A0 Governing	Mech-A1 Governing			
Emission Norms	CPCB-II Compliant																
ALTERNATOR	Alternator Make	Crompton Greaves / Stamford#															
	Type (PF)	Brushless, H Class Insulation (0.8)															
	Frequency (Hz)	50/60															
	Voltage (V)	230/415 110/230															
Amperes (A) @ 415 V	27	34	41	48	55	62	69	86	104	114	114	139	173	173			
CONTROLLER	Controller Make	Procom/ Woodward 1400#						Procom / Woodward 1400-600#									
	Type	Microprocessor Based, LCD fault display screen, Auto start / Stop Features															
	Display Parameters	Run Time Hours, Current, Voltage, Engine RPM, Frequency, Engine Temperature & Oil Pressure, Battery V, Service Due Hours, kVA, PF, KW, KWH															
	Modes Available	Automatic/ Manual															
	DG Protections	Under/Over Frequency ,Current Unbalance, Over Speed, Overload, RWL, LLOP, HWT, LFL, Charging Alternator/V-belt, Emergency Off, Service Due Fail To Start Fail To Stop															
MCB/MCCB	HAVELLS / C&S / SCHNEIDER#																

* Stand By Rating, ^ Coming Soon, #Available in Top model ZD or At Extra Cost Note: In View of continuous product upgradation & design changes, above specifications & dimensions are subject to change



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