

(i) Resistive (Load) Type A.C. Generators Are Made of M.S. body & Are Double Ball Bearing Type. These Are Self Excited, Drip Proof, Screen Protected & Self Ventilated. Class of Winding is 'F' & Are Diode Type. The Degree of Protection is IP21. Voltage regulation is +/- 10% Resistive (Load) Type Diesel Gensets Are Suitable For Light Duty / Low Torque Load Applications Such As Lightening, Electric Fans & Other Light Duty Domestic Loads etc...

(ii) Inductive (Load) Type A.C. Generators Are Made of Aluminium body & Are Double Ball Bearing Type. These Are Self Excited, Drip Proof, Screen Protected & Self Ventilated. Class of Winding is 'H' & Are Transformer Type. The Degree of Protection is IP23. Voltage regulation is +/- 5% Brushless with AVR (Automatic Voltage Regulator) Type A.C. Generators Instead of Transformer Type A.C. Generators Can Also Be Made Available With Voltage Regulation +/- 1%. Inductive (Load) Type Diesel Gensets Are Suitable For Heavy Duty / High Torque Load Applications Such As For Running Electric Motors, Submersible Pumps, Air-Conditioners etc...
For Any Type of Long Duration High Torque Load, Technically Different Specification & Site conditions, Diesel Genset Has To Be Selected Accordingly. For Such Application Kindly contact US for Right Selection.

(iii) These A.C. Generators / Welding Generators Are Suitable For Running Under Ambient Temperature Less Than 40 Degree & Altitude Less Than 1000 Metres.

(iv)

(iv) In Case, Resistive Or Inductive Type Genset Is Mounted On Rubber Wheel Trolley Instead Of M.S. Base Frame, The Additional Nett / Gross Weight Will Be As Under :

- For Genset With 1/2 cylinder Engine Mounted On 4 Rubber Wheel Trolley 15 kgs. Extra
- For Genset With 2/3 cylinder Engine Mounted On 6 Rubber Wheel Trolley 22.5 kgs. Extra
- For Genset With 3 cylinder Engine Mounted On 8 Rubber Wheel Trolley 30 kgs. Extra
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Diesel Gensets - High Speed, Water-Cooled - 3.5 kVA to 10 kVA [1 & 3 Phase]

Technical Data (Standard Gensets)					
Petter Type, High Speed, Water-Cooled Diesel Gensets (Direct Coupled)					
1-Phase, 240 Volts, 1500 RPM, 50 Hz, 4 Poles & 1.0 Unity Power Factor					
Sr. No.	Genset Model No. Resistive Type & Inductive Type	A.C. Generator Data kVA (kW) (Max.-Amp) & Model No. R & I Type	Diesel Engine Data HP (kW) (No. Of Cyl.) & Model No.	Resistive Type Genset Weight with M.S. Base Frame Nett/Gross (kgs)	Inductive Type Genset Weight with M.S. Base Frame Nett/Gross (kgs)
1	52AS-R 62AS-R	3.5 (3.5) (14.6) 35KS-R	6.5 (4.8) (One) 52A, 62A	325 / 510 52AS-R, 62AS-R	---
2	83AS1-R 83AS1-I	5.0 (5.0) (20.8) 50KS-R, 50KS-I	10.0 (7.35) (One) 83A	370 / 555 83AS1-R	375 / 560 83AS1-I
3	83AS-R 83AS-I	6.0 (6.0) (25.0) 60KS-R, 60KS-I	10.0 (7.35) (One) 83A	375 / 560 83AS-R	380 / 565 83AS-I

4	84AS-R 84AS-I	7.5 (7.5) (31.3) 75KS-R, 75KS-I	12.5 (9.2) (One) 84A	390 / 575 84AS-R	395 / 580 84AS-I
5	89AS-R 89AS-I	7.5 (7.5) (31.3) 75KS-R, 75KS-I	15.0 (11.0) (One) 89A	395 / 580 89AS-R	400 / 585 89AS-I
3-Phase, 415 Volts, 50 Hz, 4 Poles & 0.8 Power Factor (Lagging)					
6	69AT-R 70AT-R	5.0 (4.0) (7.0) 50KT-R	7.5 (5.5) (One) 69A, 70A	335 / 520 (69AT-R) 345 / 530 (70AT-R)	---
7	83AT1-R 83AT1-I	6.5 (5.2) (9.0) 65KT-R, 65KT-I	10.0 (7.35) (One) 83A	380 / 565 83AT1-R	365 / 550 83AT1-I
8	83AT-R 83AT-I	7.5 (6.0) (10.4) 75KT-R, 75KT-I	10.0 (7.35) (One) 83A	390 / 575 83AT-R	375 / 560 83AT-I
9	84AT1-R 84AT1-I	8.7 (7.0) (12.2) 87KT-R, 87KT-I	12.5 (9.2) (One) 84A	400 / 585 84AT-R	385 / 570 84AT1-I
10	84AT-R 84AT-I	10.0 (8.0) (13.9) 100KT-R, 100KT-I	12.5 (9.2) (One) 84A	405 / 590 84AT1-R	390 / 575 84AT-I
11	89AT-R 89AT-I	10.0 (8.0) (13.9) 100KT-R, 100KT-I	15.0 (11.0) (One) 89A	410 / 595 89AT-R	390 / 580 89AT-I

Note:

All Above Diesel Engines Computerised With Gensets Are Having Governing Class A2 & Radiator Cooling Arrangement.