

(i) Resistive (Load) Type A.C.Generators Are Made of M.S. body & Are Double Ball Bearing Type. These Are Self Excited, Drip Prrof, 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 Pumpsets, 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) 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

Diesel Gensets - High Speed, Water-Cooled - 10 kVA to 20 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	36AS1-R, 86AS1-R 36AS1-I, 86AS1-I	10.0 (10.0) (41.7) 100KS-R, 100KS-I	20.0 (14.7) (Two) 36A, 86A	560/ 780 36AS1-R, 86AS1-R	530 / 750 36AS1-I, 86AS1-I
2	36AS-R, 86AS-R 36AS-I, 86AS-I	12.5 (12.5) (52.1) 125KS-R, 125KS-I	20.0 (14.7) (Two) 36A, 86A	570/ 790 36AS-R, 86AS-R	560 / 780 36AS-I, 86AS-I

3	38AS-R, 87AS-R 38AS-I, 87AS-I	15.0 (15.0) (62.5) 150KS-R, 150KS-I	25.0 (18.4) (Two) 38A, 87A	580/ 800 38AS-R, 87AS-R	585 / 805 38AS-I, 87AS-I
3-Phase, 415 Volts, 50 Hz, 4 Poles & 0.8 Power Factor (Lagging)					
4	36AT1-R, 86AT1-R 36AT1-I, 86AT1-I	12.5 (10.0) (17.4) 125KT-R, 125KT-I	20.0 (14.7) (Two) 36A, 86A	580/ 800 36AT1-R, 86AT1-R	520 / 740 36AT1-I, 86AT1-I
5	36AT-R, 86AT-R 36AT-I, 86AT-I	15.0 (12.0) (20.9) 150KT-R, 150KT-I	20.0 (14.7) (Two) 36A, 86A	585/ 805 36AT-R, 86AT-R	545 / 765 36AT-I, 87A6-I
6	38AT1-R, 87AT1-R 38AT1-I, 87AT1-I	17.5 (14.0) (24.3) 175KT-R, 175KT-I	25.0 (18.4) (Two) 38A, 87A	595/ 815 38AT1-R, 87AT1-R	555 / 775 38AT1-I, 87AT1-I
7	38AT-R, 87AT-R 38AT-I, 87AT-I	20.0 (16.0) (27.8) 200KT-R, 200KT-I	25.0 (18.4) (Two) 38A, 87A	615 / 835 38AT-R, 87AT-R	565 / 785 38AT-I, 87AT-I

Note:

All above diesel engines computerised with gensets are having governing class a2 & radiator cooling arrangement.