

(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) 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 - 17.5 kVA to 35 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	300AWBS1-I 300AWS1-I	17.5 (17.5) (72.9) 175KS-I	30.0 (22.0) (Three) 300AWB, 300AW	---	710 / 1070 300AWBS1-I, 300AWS1-I
2	300AWBS-I 300AWS-I	20.0 (20.0) (83.3) 200KS-I	30.0 (22.0) (Three)	---	800 / 1080 300AWBS-I,

			300AWB, 300AW		300AWS-I
3	375AWBS1-I 375AWS1-I	22.5 (22.5) (93.8) 225KS-I	37.5 (27.6) (Three) 375AWB, 375AW	---	830 / 1110 375AWBS1-I, 375AWS1-I
4	375AWBS-I 375AWS-I	25.0 (25.0) (104.2) 250KS-I	37.5 (27.6) (Three) 375AWB, 375AW	---	850 / 1130 375AWBS-I, 375AWS-I
5	450AWBS-I 450AWS-I	27.5 (27.5) (114.6) 275KS-I	45.0 (33.0) (Three) 450AWB, 450AW	---	870 / 1150 450AWBS-I, 450AWS-I
3-Phase, 415 Volts, 50 Hz, 4 Poles & 0.8 Power Factor (Lagging)					
6	300AWBT1-I 300AWT1-I	22.5 (18.0) (31.3) 225KT-I	30.0 (22.0) (Three) 300AWB, 300AW	---	775 / 1055 300AWBT1-I, 300AWT1-I
7	300AWBT-I 300AWT-I	25.0 (20.0) (34.8) 250KT-I	30.0 (22.0) (Three) 300AWB, 300AW	---	785 / 1065 300AWBT-I, 300AWT-I
8	375AWBT1-I 375AWT1-I	27.5 (22.0) (38.3) 275KT-I	37.5 (27.6) (Three) 375AWB, 375AW	---	800 / 1080 375AWBT1-I, 375AWT1-I
9	375AWBT-I 375AWT-I	30.0 (24.0) (41.7) 300KT-I	37.5 (27.6) (Three) 375AWB, 375AW	---	810 / 1090 375AWBT-I, 375AWT-I
10	450AWBT1-I 450AWT1-I	32.5 (26.0) (45.2) 325KT-I	45.0 (33.0) (Three) 450AWB, 450AW	---	820 / 1100 450AWBT1-I, 450AWT1-I
11	450AWBT-I 450AWT-I	35.0 (28.0) (48.7) 350KT-I	45.0 (33.0) (Three) 450AWB, 450AW	---	830 / 1110 450AWBT-I, 450AWT-I

Note:

All above diesel engines computerised with gensets are having governing class A2 & radiator cooling arrangement.