

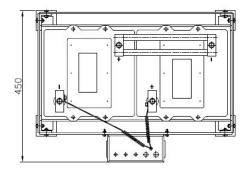
TECHNICAL SPECIFICATIONS

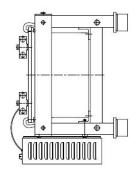
| Manufacturer Model | DG2XL750 |
|-----------------------------------|--|
| Genset Rating | 590, 625 & 750KVA |
| Manufacturers Battery Designation | X Cell POWER PACK |
| , , | (Genset Starting Unit) |
| Type Of Charger | Constant Voltage (SMPS) |
| AC Input Voltage (Nominal) | 230V AC |
| AC Input Voltage variation | 150V-265V AC |
| Out Put DC Voltage (Nominal) | 24V |
| Out Put DC Voltage | 27.2V DC |
| Output current | 10 Amps |
| Ripple (Peak to Peak) | <50 mV |
| Protections | a. AC under & Over Voltage |
| | b. Output Short Circuit |
| | c. Overload protection |
| | d. Output over voltage |
| | e. High Temperature |
| Type of Battery | PURE LEAD TIN Maintenance Free Valve Regulated |
| | (MF-VRLA) Battery. |
| Battery Rating | 12V - 80Ah @ 20hr rate, 25°C |
| No. of Batteries | 2 Nos (2 X 12V - 80Ah) |
| Type of '+'ve & '-'ve Plates | Flat pasted |
| Thickness of `+'ve & `-'ve Plates | <1mm |
| Terminals | Brass Terminal conforming to SAE |
| CCA at -18°C(amps) for 30 Sec | 820 Amps (approx) |
| HCA at 27°C (amps) for 30 Sec | 1000 Amps (approx) |
| Type of separator | Absorptive Glass Mat (AGM) |
| Ah efficiency | Above 90% |
| Wh efficiency | Above 80% |
| Self Discharge / Month | <2% of rated capacity at 25°C |
| Shelf / Storage Life (before next | 6 months from the date of mfg. at 25°C (covered |
| charging) | area) |
| Normal Operating Temperature | 20°C to 30°C |
| Operating Temperature Limits | -40°C to +50°C |
| Cycle Life of Battery @ 27°C | 1200 cycles at 20% DOD |
| Output terminal connectors | High conductivity copper terminals with LEAD TIN |
| | Coating |
| Charge regime | Constant potential mode with no current limit |
| Dimensions of Power Pack | (600L x 450W x 290H) mm approx. |
| Weight of Power Pack | 76 Kgs Approx. |

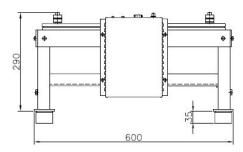
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Figure 1:







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