

OEM Update

Consul developing tailored solutions for indian market

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- a DG set. The lift consumes power only when it is moving or underused, but a DG set consumes diesel even when the lift is not in use. A large inverter on the other hand uses power from the battery only when the lift is in motion and hence is much more cost-effective. Furthermore, the ELOS provides backup power almost instantaneously during a power outage compared to a DG sets which can take seconds to several minutes to turn on and can cause great anxiety and fear to people trapped in a lift during a power outage. ELOS from Consul is already powering more than 5,000 lifts across the country.
- Large inverters are an excellent option to ensure lighting in retail stores, malls, hospitals, buildings, office spaces, industries remain on even during a power outage to ensure there is no panic or safety issue. Even large buildings with lighting loads running into hundreds of kilowatts can be backed up by large inverters which will ensure uninterrupted lighting in power outage. These inverters can be used along with DG sets to bridge the time between a power outage and a DG set coming on or as a cost-effective alternative to DG sets.
- The large inverters supplied by Consul have also started replacing DG sets in many retail shops, bank branches and restaurants where there is no proper space available for a DG set, or the noise and exhausts can turn away customers.
 Apart from lighting, these large inverters

can provide backup power to other loads like air conditioners, computers, and UPS. The large inverter also eliminates the challenges involved with DG sets like ensuring adequate fuel supply on a daily basis, concerns about fire hazards due to fuel storage, and pilferage concerns of diesel from a DG set in locations without adequate security.

Financial performance and achievement in 2012

Consul is one of the leading Indian manufacturers and suppliers of full range of power conditioning and power backup products, services and solutions. Consul solutions and products are backed with more than three decades of field experience in developing customised power products that meet the exacting standards of clients in supporting critical, sensitive equipment in various industrial and commercial applications. Consul also assists customers optimise its power protection and energy consumption through tailor-made products and solutions.

The company currently operates two modern manufacturing facilities in Chennai which are ISO 9000 and I 4001 certified and where it manufactures voltage stabilisers and UPS products. It was recently ranked as the No 2 Power Electric Company (PEC) in India for 2012 by Softdisk. Consul has consistently been ranked among the top 5 PEC companies for the last 3 years.

Consul has an enviable base of more than 2,50,000 successful installations across India, Middle East, Africa and South Asia. It has one of the largest service networks in India represented by 250 trained service engineers in seven regional offices and 75 branch offices. It operates a central I-800 call centre for customers support and also for providing remote monitoring services for Consul products enabled with remote monitoring facility.

Measures to perform well

Consul has focused on supplying reliable products developed for Indian power and site conditions. It also believes in developing tailored solutions for applications to ensure the optimal power backup and power conditioning solution. This along with an extensive service network has helped the company differentiate its capabilities.

Growth-maintaining initiatives

Consul sees large opportunities for its entire power backup and power conditioning products in India, given the power supply issues faced by business and consumers across the country both in quality of delivered power and availability of power. Demand for electricity will only continue to grow as India's per-capita electricity consumption was about 600 kWh in 2009, leaving it far below the world average of 2,700 kWh. Last year, its specific focus areas include promotion of alternate power backup options like large inverters (battery backup systems) and off-grid/roof top solar power packs as an alternate to DG sets which are noisy and not eco-friendly. Today clean energy sources like photo voltaic based solar power packs and battery-based backup systems are able to provide backup power at a lower cost than DG sets. Consul is also constantly working on enhancing its product range and working on several new power backup products which will be launched in coming year.

Manufacturing in India's GDP

In a developing country like India, there will be increasing demand for products in all sectors, leading to a large growth in domestic consumption. It is needed to ensure that this domestic consumption can be primarily serviced by domestic manufacturers as this will provide more employment opportunities and drive economic prosperity. The government's role in encouraging domestic manufacturing will be critical and will ensure that manufacturing becomes a much larger part of India's GDP.



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