

Concept

An interest in the concept of an OPEX -reducing, integrated hybrid power solution has been on the increase of recent. The principle, in a nutshell, is to reduce the running hours of the backup generator without compromising the required power supply needed to operate the BTS equipment. This is done by the co-operative functioning of the generator with the battery bank.

Considerable benefits of the hybrid solution are:

- reduced generator fuel consumption,
- less frequent refuelling on sites,
- extension in frequencies of generator service intervals,
- greater output efficiencies of the generator
- reduced installation costs due to the integration of the hybrid solution,
- expensive components are housed within a robust 4mm thickness structure, with a heavy duty 3 – way locking mechanism and opened with a unique key which is not easily obtainable.



Features

- AC Generator set from 10kVA to 60kVA.
- Integrated AMF/ATS control panel.
- DC Charge Monitor.
- AC/DC Board distribution facility.
- Integrated 800ltr base fuel tank.
- Integrated 10U 19" rack.
- Integrated battery cabinet is able to accommodate 7 strings of batteries (48V DC).

Options

- Remote Monitoring System
- 4 x 12V 190Ah EnerSys SBS Batteries per string.
- Rectifier modules 33A or 50A.
- 24V DC or 48V DC airflow fan.
- Air conditioner or battery chiller 220V AC or 48V DC.
- Air filtration.

