the BATTERY SYSTEMS

INTRODUCTION

POWER BATTERY has a leading position in providing mounting and packaging solutions for its VRLA battery ranges. In recognising the need to efficiently and economically mount batteries into systems POWER BATTERY has developed a wide range of battery package solutions which it offers to its customers.


KS-3


ORX-040250


P-18105

STANDARD OPEN RACK SYSTEMS

This is the traditional open arrangement for mounting batteries in secure plant room locations. Standard Arrangements and Special Configurations are available to accommodate any number of battery blocks to be arranged in a system. Typical standard arrangements are 3 tiers or 4 tiers with 2 rows on each tier. Special arrangements allow up to 6 tiers and 4 rows. Options include extended legs to provide mounting above raised flooring and equipment panels to allow for the mounting of electrical control components and switchgear. Other options allow for anti seismic and ship mounted applications.

CLADDED RACK SYSTEMS

This system takes the standard open rack mounting arrangement with all its flexibility and options and adds panelling to make a fully enclosed system. This allows battery systems to be safely mounted in any location. Although similar in appearance to a cabinet this system can offer improved efficiency in terms of build density and access and is particularly economic for larger battery systems

MODULAR TELECOM RACKS

POWER BATTERY have developed a unique range of “EZ” mounting racks for the SLF and CSL Front Terminal Battery types for Telecom customers. This includes Stackable Modules with options to fit electrical control gear, relay rack configuration and mobile castor mounts.

CABINETS

A number of sizes are available to accommodate different quantities of battery blocks. Typical heights are 1400mm and 1800mm and 800mm deep. Options are available to mount control gear internally and a service to mount and wire the batteries in the warehouse prior to shipment. Inbuilt battery chargers for extended run time battery applications can also be provided.
CE Mandatory programmes can also be undertaken.

BATTERY CHARGERS

Options are available to supply “switch mode technology” battery chargers. These are typically used to provide additional battery charging capacity for extended run time battery configurations. Ratings, applications and options are very flexible and models come complete with input power factor correction as standard. Typical sizes are 1 and 2kW with DC outputs of 48, 120 and 240 volts.

ELECTRICAL COMPONENTS

POWER BATTERIES specialises in supplying all the interconnections, components and electrical control gear required to complete a battery system build. This includes cables, insulators, connecting devices, fusible devices and circuit breakers.