1 Introduction

1.1 Consulting Engineering Binder

This Consulting Engineering Binder is designed as a tool for the design and sizing of uninterruptible power supplies (UPSs) and ancillary equipment configurations.

To help you with the complex calculations in the specification phase tender templates for both UPS and generators are included for your convenience.

The contents of this binder are available in a printed version, on CD-ROM and on the APC Availability, Consulting & Services home page: http://wwwae.apcc.com

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1.2 APC Company Profile

Founded in 1981, American Power Conversion (APC) designs, manufactures and markets products and services that improve reliability, productivity and availability of information systems worldwide by protecting hardware and data from the ongoing threat of power disturbances.

Our solutions include surge suppressors, uninterruptible power supplies (UPSs), power conditioning equipment and related software for computer and computer-related equipment. Protected applications include facilities, sites, mainframe computers, datacenters, wide area networks (WANs), local area networks (LANs), Internet and intranet equipment, midrange computers, telecommunications equipment, home and office workstations, and a variety of consumer electronics.

We also protect these applications against power problems on data, network, serial, coaxial (CATV) and telephone lines.

On the APC web site information about APC, APC products and finance is always available: www.apc.com.

1.3 Company Vision

APC products ensuring availability wherever data is created, transmitted or stored.

1.4 Company Mission

To create delighted customers by improving the manageability, availability and performance of information and communication systems through the rapid delivery of innovative solutions to real customer problems.

Introduction