

# MTC Power Unit (500A—1000A) 功率单元



## Introduction

This device is a power output unit of three-phase voltage regulation. Each phase is equipped with anti-parallel thyristor module, fast-acting fuse, and over temperature protection. The whole aluminum heat sink is convenient for installation and use in forced air cooling.

## Main Technology Parameters

- Thyristor Parameters:

$$I_{T(AV)} I_{F(AV)}: 500A-1000A$$

$$V_{DRM} V_{RRM}: 600-3000V$$

- Typical Outline Dimension:

$$L \times W \times H = 570 \times 290 \times 250 \text{ mm}$$

- Typical Weight: 29kg

## Application

- Widely use for main control circuits of  $V_{AC} \leq 1200V$   $I_{AC} \leq 1000A$  for voltage regulation and dragging.

## 概述

本装置为三相调压之功率输出单元，每相均由反并联的单向晶闸管模块、快速熔断器、超温保护等组成；整体铝型材散热器，强制风冷，安装使用十分方便。

## 主要技术指标

- 单向晶闸管主要指标:

$$I_{T(AV)} I_{F(AV)}: 500A-1000A$$

$$V_{DRM} V_{RRM}: 600-3000V$$

- 典型外形尺寸：长×宽×高=570×290×250mm

- 典型重量：29kg

## 应用领域

- 可广泛应用于  $V_{AC} \leq 1200V$   $I_{AC} \leq 1000A$  的主控电路中，用以调压、拖动。