

**Access, Terminals, Transmission and Multiplexing (ATTM);
External Common Power Supply for
Customer Premises Network and Access Equipment;
Part 1: Functional requirements**

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Foreword

This ETSI Standard (ES) has been produced by ETSI Technical Committee Access, Terminals, Transmission and Multiplexing (ATTM), and is now submitted for the ETSI standards Membership Approval Procedure.

The present document is part 1 of a multi-part deliverable covering the External Common Power Supply (CPS) for Customer Premises Network and Access Equipment, as identified below:

ES 202 874-1: "Functional requirements";

TS 102 874-2: "Integrated Broadband Cable and Television Networks";

TS 102 874-3: "CPS Type 1 implementation details";

TS 102 874-4: "Part 4: CPS Type 2.b implementation details";

TS 102 874-5: "CPS Type 2.c implementation".

Introduction

The present document addresses the functional requirements and implementation and operational aspects of the External Common Power Supply (CPS) for Customer Premises Network and Access Equipment.

The multi-part deliverable represents a set of cohesive interwoven technical information that has jointly evolved to define solution of most efficient equipment, as defined below:

- ES 202 874-1 defines functional requirements for four different categories of CPS.
- TS 102 874-2 [i.1] defines detailed implementation and operational aspects for CPS Type 2.a.
- TS 102 874-3 [i.2] defines detailed implementation and operational aspects for CPS Type 1.
- TS 102 874-4 [i.3] defines detailed implementation and operational aspects for CPS Type 2.b.
- TS 102 874-5 [i.4]: defines detailed implementation and operational aspects for CPS Type 2.c.

The intended applications of these CPS categories are specified in the present document.

Table 1 summarises the structure of the present document.