



8 August 2025

(25-5054)

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Committee on Technical Barriers to Trade

Original: English

NOTIFICATION

The following notification is being circulated in accordance with Article 10.6

1. Notifying Member: <u>INDIA</u> If applicable, name of local government involved (Articles 3.2 and 7.2):
2. Agency responsible: Telecom Engineering Centre, Department of Telecommunication
3. Notified under Article 2.9.2 [X], 2.10.1 [], 5.6.2 [], 5.7.1 [], 3.2 [], 7.2 [], Other:
4. Products covered (HS codes or national tariff lines. ICS numbers may be provided in addition, where applicable): HS8517
5. Details of notified document(s) (title, number of pages and languages, means of access): Notification for revision of GR on "Solar Photovoltaic (SPV) Power supply for Telecom Equipments (Standard No. TEC 66090:2017, old No. TEC/GR/TX/SPV-003/04/JAN-17)"; (87 page(s), in English) Link to notified document(s) and/or contact details for agency or authority which can provide copies upon request: https://members.wto.org/crnattachments/2025/TBT/IND/25_05236_00_e.pdf https://tec.gov.in/pdf/consultations/SPV_Revision%2066090_GR-TX-SPV-003.04_15.02.2017_IMP.pdf
6. Description of content: This document contains the generic requirements of Solar Photo Voltaic (SPV) power supply for various Telecom equipment, working on 12V DC or 48V DC or 24V DC (for Standalone Application only). These power supplies are capable of catering to load requirements of (i) up to 5A continuous or 120 AH per day for 12V telecom equipments and (ii) up to 20A continuous or 480 AH per day for 48V telecom equipments and (iii) up to 20A continuous or 480 AH per day for 24V telecom equipments. It is requested to go through the enclosed draft Standard and your inputs/comments may please be furnished in the template sheet enclosed as Annexure-II.
7. Objective and rationale, including the nature of urgent problems where applicable: The proposed document of GR on "Solar Photovoltaic (SPV) Power supply for Telecom Equipments (Standard No. TEC 66090:2017)" explains the SPV Power Generating System comprises mainly of a SPV Module - a non conventional source of power - that converts Solar Energy (Sun light) directly into DC Electricity which in turn charges battery bank through a Solar charge controller. In this case of Hybrid Power Supply, it shall have an in-built FC (float charger as per clause no 3.6 of GR) that shall provide a regulated DC Power Supply in sharing with SPV power generating source to the load and the battery bank when the AC commercial mains are available.
8. Relevant documents:

Standard (Draft Standard No. TEC 66090:2025) in respect of revision of Generic Requirements (GR) on "Solar Photovoltaic (SPV) Power supply for Telecom Equipments" (Standard No. TEC 66090:2017)
9. Proposed date of adoption: July-August 2025 tentatively Proposed date of entry into force: August-September 2025 tentatively
10. Provision of comments Final date for comments: 7 October 2025 [X] 60 days from notification Inputs/comments may please be furnished in the template sheet enclosed as Annexure-II. Contact details of agency or authority designated to handle comments regarding the notification: Telecommunication Engineering Centre (TEC) Contact Person: Mr. Arvind Kumar Tripathi, DDG(IMP & TEP) Room No: 356, Khurshid Lal Bhawan Janpath, New Delhi-110001, India. Contact Number – +(91) 11-23739400 Email: tbtenquirytel.tec@gov.in Website- https://www.tec.gov.in/ and https://www.mtcte.tec.gov.in/ Email ID of TBT Enquiry Point: tbtenquirytel.tec@gov.in