33.3.5.2 Input average power

The specification for P_{Port} in Table 33–12 shall apply for the input power averaged over 1 second. For a Type 1 PD P_{Port} shall be measured when the PD is fed by 44 V to 57 V with 20 Ω in series. For a Type 2 PD P_{Port} shall be measured when the PD is fed by 44 V to 57 V with 12.5 Ω in series. P_{Port} is defined as:

$$P_{\text{Port}} = V_{\text{Port}} \times I_{\text{Port}}$$

where

    P_{Port} is the input average power
    V_{Port} is the input voltage
    I_{Port} is the input current, either DC or RMS