

IT4PQ Project 2th Stakeholder Virtual Workshop

IEC TC 85 WG20 Report of the Recent Activities

Liaison report TC 85 WG20

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IEC TC 85 WG20

Equipment for measuring and monitoring of steady state and dynamic quantities in Power Distribution Systems

17.02. 2021	Online meeting	Convenor: Franck Gruffaz
22.04.2021	Online meeting	Convenor: Franck Gruffaz
26-27.10.2021	Online meeting	Convenor: Franck Gruffaz

- Status of work related to IEC CDD for PMD and PQI
- Comments from NC
- Review WG20 report for TC8 plenary
- Supporting documents
- IPG 586.1 Check replies
- IPG 586.2 Check /e.g. RVC graphs/
- Further work on IEC 61557-12
- Review of SRP

- IPG CS (Cyber Security)
- Report from liaison TC 13
- Report from liaison TC38
- Report from liaison TC 57
- Report from liaison TC 65a/66/77A/TC8x
- Status IEC CDD for PMD and PQI
- Status and potential work on IEC 61557-12



Meeting 22.04.2021 (continue)

- Future work on IPG NILM
- IPG586-1 IEC TR 63191, IEC 60364-8-1
- IPG586-2 Verification of PQI during service
- Maintenance IEC 62586-1 and EC 62586-2 (in coordination with IEC 61000-4-30 Ed 4
- IPG974.1 data loggers, energy savers,....
- Review the Stategic Businnes Plan

- New publications IEC 60688, IEC 62586-2 amd1
- Reports of liaisons TC13/38/57/65A/66/77a
- Presentation on evolution IEC 61010
- Support of IEC 61557/12
- IEC CDD Status and steps fo PMD and PQI
- Nomination of TC85 officers for 1906 award



Meeting 26-27.10.2021 (continue)

- IPG 974.1 data loggers, energy servers,...
- IPG586.1 Turn TR 63181 into a TS
- IPG 586.2 Maintenance IEC 62586.1
- IPG 586.3 maintenance IEC 61586.2
- IPG NILM future work
- IPG CS Cyber security
- Presentations from guests

WG Title: "Equipment for meaasuring and monitoring of steady state and dynamic quantities in Power Distribution Systems"

PQ standards:

- IEC 62586-1 Power quality Instruments(PQI)
- IEC 63586-2 Functional tests and uncertainty requirements



IEC 62586-1 Power quality Instruments(PQI)

IEC 62586-1:2017

Power quality measurement in power supply systems - Part 1: Power quality instruments (PQI)

TC 85 | Additional information





IEC 62586-1 Power quality Instruments(PQI)



IEC 62586-1

Edition 2.0 2017-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE





IEC 62586-1 Power quality Instruments(PQI)

Details

<u>History</u>

Date	Publication	Edition	Status
2017-05-23	IEC 62586-1:2017	2.0	Valid



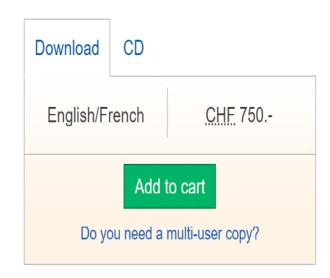
IEC 63586-2 Functional tests and uncertainty requirements

IEC 62586-2:2017+AMD1:2021 CSV Consolidated version

Power quality measurement in power supply systems

- Part 2: Functional tests and uncertainty requirements

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requirements



IEC 62586-2

Edition 2.1 2021-09 CONSOLIDATED VERSION

INTERNATIONAL STANDARD

NORME INTERNATIONALE





requirements

Details

<u>History</u>

Date	Publication	Edition	Status
2021-09-15	IEC 62586-2:2017/AMD1:2021	2.0	Valid
2018-06-13	IEC 62586-2:2017/COR1:2018	2.0	Valid
2017-03-07	IEC 62586-2:2017	2.0	Valid
2014-11-11	IEC 62586-2:2013/COR1:2014	1.0	Revised
2013-12-12	IEC 62586-2:2013	1.0	Revised