

PQ Advisor Compact Basic Download Software, documentation and license(s) provided as download. Specification of e-mail address (consignee) required for delivery. Module Power quality monitoring tool. Grid code evaluation according standard EN 50160: voltage variations, power frequency, harmonic voltage, unbalance, flicker, voltage events, recognition of origin of disturbance. Impact of sag/ swell according ITIC. Local storage of PQDIF-files. Operating system Windows 10 Professional/Enterprise, 64-bit Windows Server 2019, 64-bit.



General technical data	
target system	SICAM PQ devices (P855, Q100, Q200)
national language / of the software	German / English
Product details	
product description	power quality software
product feature / connection of third-party devices	No
Model	
product designation	PQ Advisor Compact - base module
product version	base package
Power Quality functions	
power quality assessment function / PQ Grid Code Evaluation according to EN 50160	Yes
power quality assessment function / PQ Grid Code Evaluation according to IEC/TS 62749	No
power quality assessment function / PQ Grid Code Evaluation according to IEC 61000-2-4	No
power quality assessment function / PQ Grid Code Evaluation with regard to customized PQ grid codes	No
power quality assessment function / detecting and visualization of voltage fluctuations	Yes
power quality assessment function / evaluation of line frequency	Yes
power quality assessment function / evaluation of voltage of harmonic component	Yes
power quality assessment function / evaluation of the voltage unbalance / according to IEC 61000-4-30, Class S	Yes
power quality assessment function / evaluation of flickering	Yes
power quality assessment function / evaluation of voltage events	Yes
Product Functions	
diagnostics function	Yes
analysis function	Yes
communication function	Yes
project planning function	No
evaluation function	Yes
parameterizing function	No
automatic scanning and detection of PQ devices in the network	Yes
querying and storing of PQDIF files with IEC 61850	Yes
querying/read-in of PQDIF files from hard disk	Yes
querying and storing of fault records via IEC 61850	No
querying and storing of fault records via FTP	No
querying and storing of fault records via SIPROTEC 4 service interface	No

detection of cause of malfunction	Yes
local storage of the PQDIF files	Yes
automatic report recording	No
evaluation of fault records	No
parameterization of PQ devices	No

#### Display and operation

horizontal image resolution / of the graphics card	1 280 pixel
vertical image resolution / of the graphics card	1 024 pixel

#### Requirements

number of colors / of the graphics card	65 536
design of the drive/storage medium / required / DVD drive	No
operating system / usable / Windows 10	Yes
operating system / usable / Windows Server 2019	Yes
processor clock frequency / minimum	2 GHz
storage capacity / on hard disk / required	100 Gbyte
storage capacity / of the main memory or RAM / minimum	16 Gbyte

#### Cybersecurity

type of access control / role-based access control (RBAC)	Yes
product function / firmware identifier	Yes
cyber security / secure monitoring	Yes
cyber security / secure communication	No
cyber security / data integrity	Yes

#### Further information

##### Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

##### Information- and Downloadcenter (catalogues, leaflets,...)

<https://www.siemens.com/energy-automation>

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7KG9050-2BA00>

##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/7KG9050-2BA00>

##### Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=7KG9050-2BA00](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KG9050-2BA00)

##### Tender specifications

<https://www.siemens.com/specifications>

##### Power Academy - Your training and consulting partner in the area of power transmission and distribution

<https://www.siemens.com/poweracademy>

