



## Item description

The WAGO Power Plant Control Library is an *e!COCKPIT* library with a control algorithm for the active and/or reactive power in energy generation plants.

The control algorithm for active and/or reactive power and corresponding setpoint specifications required by the operator can be adjusted during operation per IEC 60870 by, e.g., telecontrol technology. The controller compares the specified setpoint values with the actual values measured at the network connection point and provides the calculated correction variables for the energy generation plant.

This library can be used on second-generation PFC200 Controllers and is certified per VDE-AR-N 4110 or 4120.

The library can be used for a 30-day trial period at no cost, after which a license for the specific controller is required. The license can be separately purchased under Item Number 2759-203/211-1000.

### Functions:

- $P_{fix}$ ,  $Q_{fix}$ : Fixed active/reactive power specifications
- $P_{(f)}$ : Frequency-dependent active power regulation
- $P_{(Uoff)}$ : Active power ramp – restart after network failure
- $Q_{(P)}$ : Reactive power control per active power characteristic
- $Q_{(U)}$ : Reactive power control per voltage characteristic
- $Q_{(Udb)}$ : Reactive power control per voltage characteristic with
- voltage limiting function
- $\cos\phi_{fix}$ : Fixed displacement factor specification

Subject to changes. Please also observe the further product documentation!



- $P_{SM}$ ,  $Q_{SM}$ : Slave mode, looping through the external active/reactive power specifications

Certification: VDE-AR-N 4110 / 4120

**Compatible Controllers:**

750-8212; PFC200; G2; 2ETH RS

750-8212/025-001; PFC200; G2; 2ETH RS; Tele; T

750-8212/025-002; PFC200; G2; 2ETH RS; Tele; T; ECO

750-8216; PFC200; G2; 2ETH RS CAN DPS

750-8216/025-001; PFC200; G2; 2ETH RS CAN DPS; Tele; T

**Data**

**Software data**

Supported devices

750-8212: PFC200; G2; 2ETH RS

750-8212/025-001: PFC200; G2; 2ETH RS; Tele; T

750-8212/025-002: PFC200; G2; 2ETH RS; Tele; T; ECO

750-8216: PFC200; G2; 2ETH RS CAN DPS

750-8216/025-001: PFC200; G2; 2ETH RS CAN DPS; Tele; T

**Delivery**

Delivery type	License certificate per email
License type (note)	The single license allows installation on one controller. One license per controller is required.
License type (note) (2)	Internet connection may be required for license activation.
Licence Generation	DRM

**Commercial data**

ETIM 8.0	EC001435
ETIM 7.0	EC001435
PU (SPU)	1 pcs
Country of origin	QU
GTIN	4055143926096
Customs tariff number	8888888888

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.



## Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

### Downloads

#### Documentation

#### Bid Text

2759-203/211-1000 X81 - Datei	xml 6.4 kB	Download
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2759-203/211-1000 docx - Datei	docx 19.0 kB	Download
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#### System Description

Solutions, General Product Information	pdf 315.5 kB	Download
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## Libraries

### WAGO Library Power Plant Control

WAGO Library Power Plant Control	2021 Dec 6	ZIP 20.1 MB	Download
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The WAGO Power Plant Control Library is an *e!COCKPIT* library with a control algorithm for active and/or reactive power in power plants.

The control algorithm regulates the setpoint values for active and/or reactive power at the grid connection point. It compares these setpoints to the measured actual values at the grid connection point and communicates the calculated control variable to the generation system. This library can be used on second-generation PFC200 Controllers and is certified per VDE-AR-N 4110 or 4120.

The library can be used for a 30-day trial period at no cost, after which a license for the specific controller is required. The license can be separately purchased under Item Number 2759-0203/0211-1000.

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2759-203/211-1000 Library Power Plant Control; VDE-AR-N 4110 / 4120; Single License; Online activation	URL	Download
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## Installation Notes

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