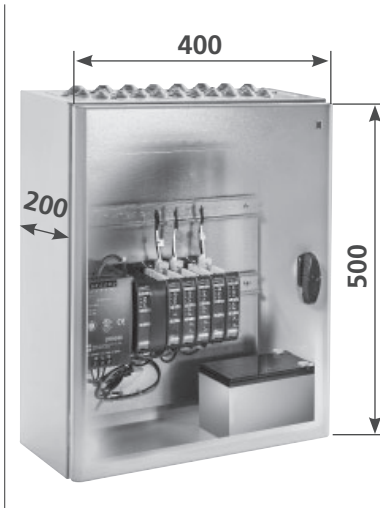


ORDER DATA

EMB8000 5 A (400 x 500 x 200 mm)

Application: Expandable basic version of modular control unit EMB8000, factory fitted and fully wired for customer-side self-configuration.



TECHNICAL DATA (Rated values)

Operating voltage:	230 V AC (195 – 253 V AC, 50/60 Hz)
Max. power consumption:	322 W
Output voltage:	24 V DC (20 – 28 V DC / 0,5 Vpp)
Output current:	5 A
Housing:	surface mounting, steel sheet, RAL 7035 (light grey)
Dimensions (WxHxD):	400 x 500 x 200 mm
Delivery state:	
SHEV groups:	1
Vent groups:	1
Module equipment:	PM, CM, DM
Prepared for batteries:	max. 2 x 12 V / 12 Ah (Capacity acc. to equipment)

5 A

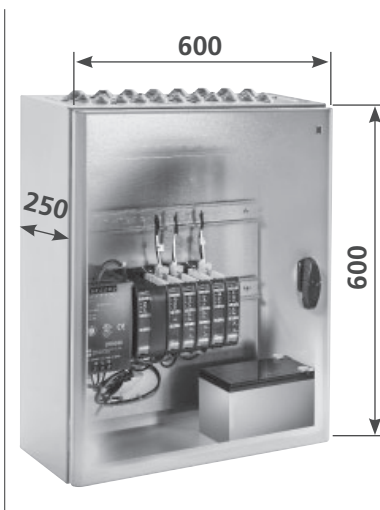
Features: The installer of the control unit has to examine and to respect on its sole responsibility that the total current consumption of the internal and external devices, the number of the used modules and cable entries match with the battery capacity and the system limitations.

VERSIONS

Part.-No.	equip module	free module units	free space			
680305-9501	PM, CM, DM	ME 8	HS 300 mm			
680305-9503	PM, CM, IDM	ME 8	HS 300 mm			

EMB8000 5 A (600 x 600 x 250 mm)

Application: Expandable basic version of modular control unit EMB8000, factory fitted and fully wired for customer-side self-configuration.



TECHNICAL DATA (Rated values)

Operating voltage:	230 V AC (195 – 253 V AC, 50/60 Hz)
Max. power consumption:	322 W
Output voltage:	24 V DC (20 – 28 V DC / 0,5 Vpp)
Output current:	5 A
Connections and functions:	depends on extension
Housing:	surface mounting, steel sheet, RAL 7035 (light grey)
Dimensions (WxHxD):	600 x 600 x 250 mm
Delivery state:	
SHEV groups:	1
Vent groups:	1
Prepared for batteries:	max. 2x 12 V / 12 Ah (Capacity acc. to equipment)

5 A

Features: The installer of the control unit has to examine and to respect on its sole responsibility that the total current consumption of the internal and external devices, the number of the used modules and cable entries match with the battery capacity and the system limitations.

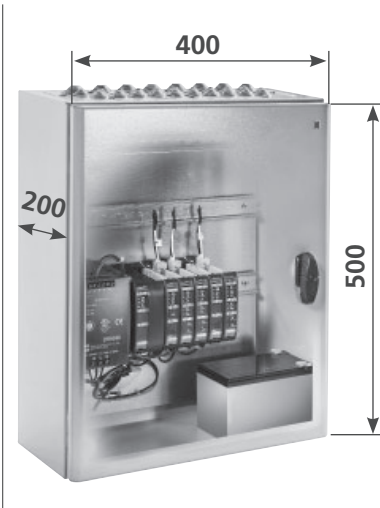
VERSIONS

Part.-No.	equip module	free module units	free space			
680305-9601	PM, CM, DM	ME 19	HS 500 mm			
680305-9603	PM, CM, IDM	ME 19	HS 500 mm			

ORDER DATA

EMB8000 10 A (400 x 500 x 200 mm)

Application: Expandable basic version of modular control unit EMB8000, factory fitted and fully wired for customer-side self-configuration.



TECHNICAL DATA (Rated values)

Operating voltage: 230 V AC (195 – 253 V AC, 50/60 Hz)
 Max. power consumption: 506 W
 Output voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)
 Output current: **10 A**
 Connections and functions: depends on extension
 Housing: surface mounting, steel sheet, RAL 7035 (light grey)
 Dimensions (WxHxD): **400 x 500 x 200 mm**

10 A

Delivery state:

SHEV groups: 1
 Vent groups: 1
 Prepared for batteries: max. 2x 12 V / 12 Ah (Capacity acc. to equipment)

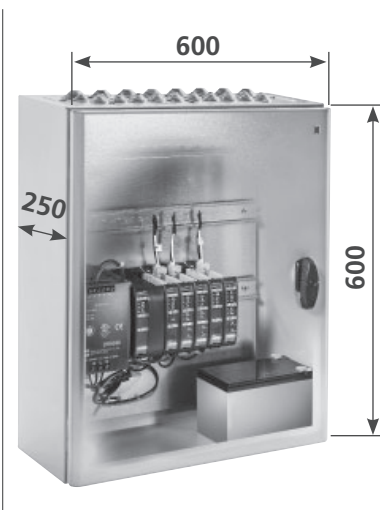
Features: The installer of the control unit has to examine and to respect on its sole responsibility that the total current consumption of the internal and external devices, the number of the used modules and cable entries match with the battery capacity and the system limitations.

VERSIONS

Part.-No.	equip module	free module units	free space			
680310-9501	PM, CM, DM	ME 7	HS 300 mm			
680310-9503	PM, CM, IDM	ME 7	HS 300 mm			

EMB8000 10 A (600 x 600 x 250 mm)

Application: Expandable basic version of modular control unit EMB8000, factory fitted and fully wired for customer-side self-configuration.



TECHNICAL DATA (Rated values)

Operating voltage: 230 V AC (195 – 253 V AC, 50/60 Hz)
 Max. power consumption: 506 W
 Output voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)
 Output current: **10 A**
 Connections and functions: depends on extension
 Housing: surface mounting, steel sheet, RAL 7035 (light grey)
 Dimensions (WxHxD): **600 x 600 x 250 mm**

10 A

Delivery state:

SHEV groups: 1
 Vent groups: 1
 Prepared for batteries: max. 2x 12 V / 38 Ah (Capacity acc. to equipment)

Features: The installer of the control unit has to examine and to respect on its sole responsibility that the total current consumption of the internal and external devices, the number of the used modules and cable entries match with the battery capacity and the system limitations.

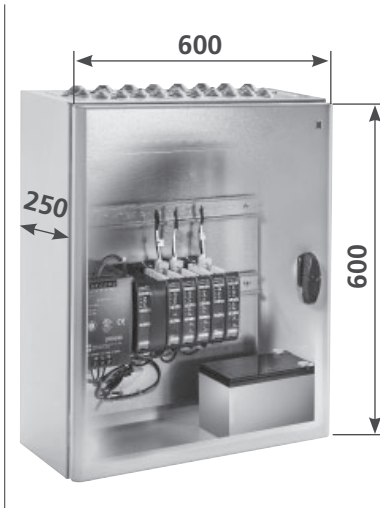
VERSIONS

Part.-No.	equip module	free module units	free space			
680310-9601	PM, CM, DM	ME 19	HS 500 mm			
680310-9603	PM, CM, IDM	ME 19	HS 500 mm			

ORDER DATA

EMB8000 24 A (600 x 600 x 250 mm)

Application: Expandable basic version of modular control unit EMB8000, factory fitted and fully wired for customer-side self-configuration.



TECHNICAL DATA (Rated values)

Operating voltage: 230 V AC (195 – 253 V AC, 50/60 Hz)
 Max. power consumption: 805 W
 Output voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)
 Output current: **24 A**
 Connections and functions: depends on extension
 Housing: surface mounting, steel sheet, RAL 7035 (light grey)
 Dimensions (WxHxD): **600 x 600 x 250 mm**

24 A

Delivery state:

SHEV groups: 1
 Vent groups: 1
 Prepared for batteries: max. 2x 12 V / 38 Ah (Capacity acc. to equipment)

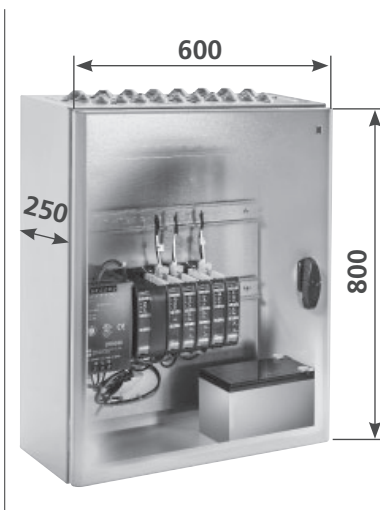
Features: The installer of the control unit has to examine and to respect on its sole responsibility that the total current consumption of the internal and external devices, the number of the used modules and cable entries match with the battery capacity and the system limitations.

VERSIONS

Part.-No.	equip module	free module units	free space			
680324-9501	PM, CM, DM	ME 19	HS 500 mm			
680324-9502	PM, CM, DMX	ME 18	HS 500 mm			
680324-9503	PM, CM, IDM	ME 19	HS 500 mm			

EMB8000 24 A (600 x 800 x 250 mm)

Application: Expandable basic version of modular control unit EMB8000, factory fitted and fully wired for customer-side self-configuration.



TECHNICAL DATA (Rated values)

Operating voltage: 230 V AC (195 – 253 V AC, 50/60 Hz)
 Max. power consumption: 805 W
 Output voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)
 Output current: **24 A**
 Connections and functions: depends on extension
 Housing: surface mounting, steel sheet, RAL 7035 (light grey)
 Dimensions (WxHxD): **600 x 800 x 250 mm**

24 A

Delivery state:

SHEV groups: 1
 Vent groups: 1
 Prepared for batteries: max. 2x 12 V / 38 Ah (Capacity acc. to equipment)

Features: The installer of the control unit has to examine and to respect on its sole responsibility that the total current consumption of the internal and external devices, the number of the used modules and cable entries match with the battery capacity and the system limitations.

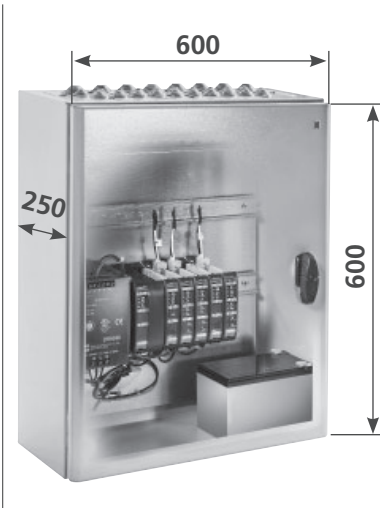
VERSIONS

Part.-No.	equip module	free module units	free space			
680324-9601	PM, CM, DM	ME 19	HS 1000 mm			
680324-9602	PM, CM, DMX	ME 18	HS 1000 mm			
680324-9603	PM, CM, IDM	ME 19	HS 1000 mm			

ORDER DATA

EMB8000 48 A (600 x 600 x 250 mm)

Application: Expandable basic version of modular control unit EMB8000, factory fitted and fully wired for customer-side self-configuration.



TECHNICAL DATA (Rated values)

Operating voltage: 230 V AC (195 – 253 V AC, 50/60 Hz)
 Max. power consumption: 1610 W
 Output voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)
 Output current: **48 A**
 Connections and functions: depends on extension
 Housing: surface mounting, steel sheet, RAL 7035 (light grey)
 Dimensions (WxHxD): **600 x 600 x 250 mm**

48 A

Delivery state:

SHEV groups: 1
 Vent groups: 1
 Prepared for batteries: max. 2x 12 V / 38 Ah (Capacity acc. to equipment)

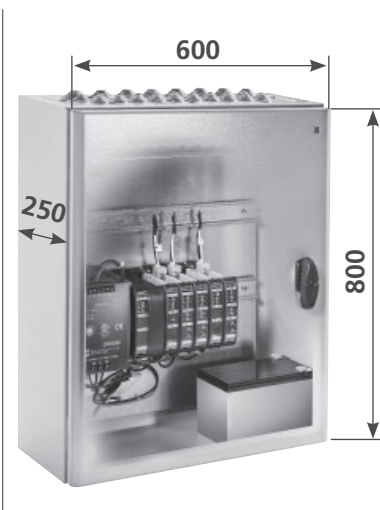
Features: The installer of the control unit has to examine and to respect on its sole responsibility that the total current consumption of the internal and external devices, the number of the used modules and cable entries match with the battery capacity and the system limitations.

VERSIONS

Part.-No.	equip module	free module units	free space			
680348-9501	PM, PME, CM, DM	ME 9	HS 500 mm			
680348-9502	PM, PME, CM, DMX	ME 8	HS 500 mm			
680348-9503	PM, PME, CM, IDM	ME 9	HS 500 mm			

EMB8000 48 A (600 x 800 x 250 mm)

Application: Expandable basic version of modular control unit EMB8000, factory fitted and fully wired for customer-side self-configuration.



TECHNICAL DATA (Rated values)

Operating voltage: 230 V AC (195 – 253 V AC, 50/60 Hz)
 Max. power consumption: 1610 W
 Output voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)
 Output current: **48 A**
 Connections and functions: depends on extension
 Housing: surface mounting, steel sheet, RAL 7035 (light grey)
 Dimensions (WxHxD): **600 x 800 x 250 mm**

48 A

Delivery state:

SHEV groups: 1
 Vent groups: 1
 Prepared for batteries: max. 2x 12 V / 38 Ah (Capacity acc. to equipment)

Features: The installer of the control unit has to examine and to respect on its sole responsibility that the total current consumption of the internal and external devices, the number of the used modules and cable entries match with the battery capacity and the system limitations.

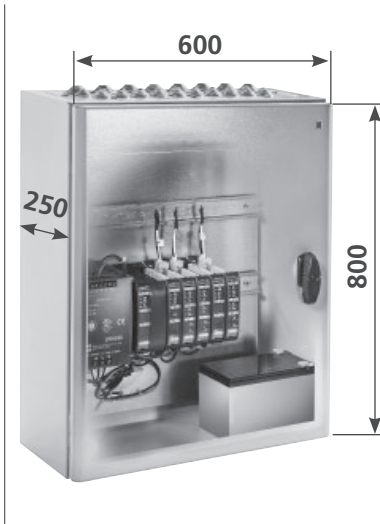
VERSIONS

Part.-No.	equip module	free module units	free space			
680348-9601	PM, PME, CM, DM	ME 17	HS 500 mm			
680348-9602	PM, PME, CM, DMX	ME 16	HS 500 mm			
680348-9603	PM, PME, CM, IDM	ME 17	HS 500 mm			

ORDER DATA

EMB8000 72 A (600 x 800 x 250 mm)

Application: Expandable basic version of modular control unit EMB8000, factory fitted and fully wired for customer-side self-configuration.



TECHNICAL DATA (Rated values)

Operating voltage: 230 V AC (195 – 253 V AC, 50/60 Hz)
 Max. power consumption: 2415 W
 Output voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)
 Output current: **72 A**
 Connections and functions: depends on extension
 Housing: surface mounting, steel sheet, RAL 7035 (light grey)
 Dimensions (WxHxD): **600 x 800 x 250 mm**

72 A

Delivery state:

SHEV groups: 1
 Vent groups: 1
 Prepared for batteries: max. 2x 12 V / 38 Ah (Capacity acc. to equipment)

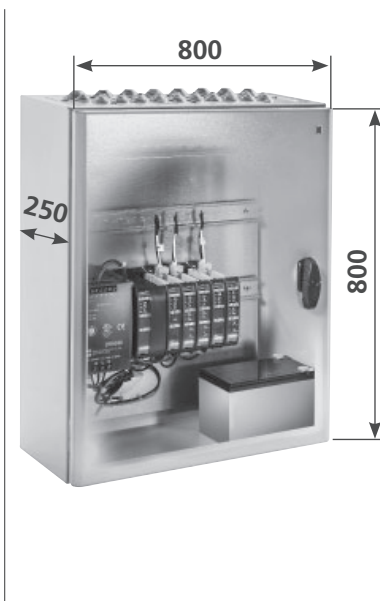
Features: The installer of the control unit has to examine and to respect on its sole responsibility that the total current consumption of the internal and external devices, the number of the used modules and cable entries match with the battery capacity and the system limitations.

VERSIONS

Part.-No.	equip module	free module units	free space			
680372-9501	PM, 2x PME, CM, DM	ME 15	HS 500 mm			
680372-9502	PM, 2x PME, CM, DMX	ME 14	HS 500 mm			
680372-9503	PM, 2x PME, CM, IDM	ME 15	HS 500 mm			

EMB8000 72 A (800 x 800 x 250 mm)

Application: Expandable basic version of modular control unit EMB8000, factory fitted and fully wired for customer-side self-configuration.



TECHNICAL DATA (Rated values)

Operating voltage: 230 V AC (195 – 253 V AC, 50/60 Hz)
 Max. power consumption: 2415 W
 Output voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)
 Output current: **72 A**
 Connections and functions: depends on extension
 Housing: surface mounting, steel sheet, RAL 7035 (light grey)
 Dimensions (WxHxD): **800 x 800 x 250 mm**

72 A

Delivery state:

SHEV groups: 1
 Vent groups: 1
 Prepared for batteries: max. 2x 12 V / 38 Ah (Capacity acc. to equipment)

Features: The installer of the control unit has to examine and to respect on its sole responsibility that the total current consumption of the internal and external devices, the number of the used modules and cable entries match with the battery capacity and the system limitations.

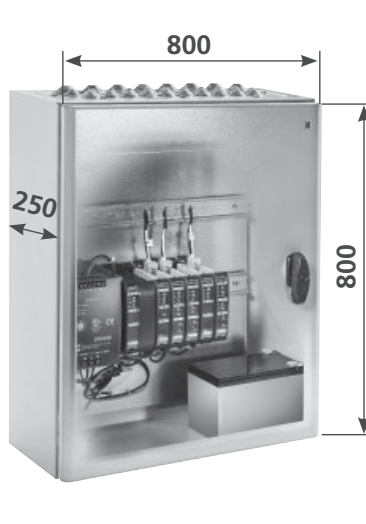
VERSIONS

Part.-No.	equip module	free module units	free space			
680372-9601	PM, 2x PME, CM, DM	ME 24	HS 700 mm			
680372-9602	PM, 2x PME, CM, DMX	ME 23	HS 700 mm			
680372-9603	PM, 2x PME, CM, IDM	ME 24	HS 700 mm			

ORDER DATA

EMB8000 96 A (800 x 800 x 250 mm)

Application: Expandable basic version of modular control unit EMB8000, factory fitted and fully wired for customer-side self-configuration.



TECHNICAL DATA (Rated values)

Operating voltage: 400 V AC (50/60 Hz)
 3 outer conductor

Max. power consumption: 3220 W

Output voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)

Output current: **96 A**

Connections and functions: depends on extension

Housing: surface mounting, steel sheet, RAL 7035 (light grey)

Dimensions (WxHxD): **800 x 800 x 250 mm**

96 A

Delivery state:

SHEV groups: 2

Vent groups: 12

Prepared for batteries: max. 4x 12 V / 38 Ah (Capacity acc. to equipment)

Networking: included 2x CAN-Module

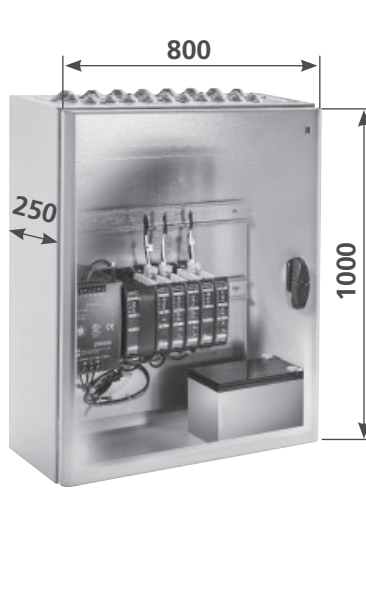
Features: The installer of the control unit has to examine and to respect on its sole responsibility that the total current consumption of the internal and external devices, the number of the used modules and cable entries match with the battery capacity and the system limitations.

VERSIONS

Part.-No.	equip module	free module units	free space			
680396-9501	2x PM, 4x PME, 2x CM, 2x DM	ME 10	HS 1000 mm			
680396-9502	2x PM, 4x PME, 2x CM, 2x DMX	ME 9	HS 1000 mm			
680396-9503	2x PM, 4x PME, 2x CM, 2x IDM	ME 10	HS 1000 mm			

EMB8000 96 A (800 x 1000 x 250 mm)

Application: Expandable basic version of modular control unit EMB8000, factory fitted and fully wired for customer-side self-configuration.



TECHNICAL DATA (Rated values)

Operating voltage: 400 V AC (50/60 Hz)
 3 outer conductor

Max. power consumption: 3220 W

Output voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)

Output current: **96 A**

Connections and functions: depends on extension

Housing: surface mounting, steel sheet, RAL 7035 (light grey)

Dimensions (WxHxD): **800 x 1000 x 250 mm**

96 A

Delivery state:

SHEV groups: 2

Vent groups: 2

Prepared for batteries: max. 4x 12 V / 38 Ah (Capacity acc. to equipment)

Networking: included 2x CAN-Module

Features: The installer of the control unit has to examine and to respect on its sole responsibility that the total current consumption of the internal and external devices, the number of the used modules and cable entries match with the battery capacity and the system limitations.

VERSIONS

Part.-No.	equip module	free module units	free space			
680396-9601	2x PM, 4x PME, 2x CM, 2x DM	ME 17	HS 1000 mm			
680396-9602	2x PM, 4x PME, 2x CM, 2x DMX	ME 16	HS 1000 mm			
680396-9603	2x PM, 4x PME, 2x CM, 2x IDM	ME 17	HS 1000 mm			