
Product Specification

KEEP INNOVATING

Easier and Safer Operating SERIES



AC COMBINER BOX

FOR UP TO 4* 80KW INVERTERS

Solar string inverters are used more and more in the solar PV plants, requires reliable combiner and protection at AC side. BBWX-4 is a solution with AC MCCB build-in for AC inputs and output, type 2 AC SPD for over-voltage protection.

Customized solutions are available for different projects requirements.

Features:

- ☑ 3 phase inverter protection
- ☑ AC breaker or NH00 fuse switch for option
- ☑ Rated voltage 230V/400V
- ☑ 4 AC input
- ☑ 1 AC output



| Model | BBWX-4 | | |
|--------------------------------|--|-------------------------------|-------------------------------|
| Grid topology | TN-S (5-conductor system:L1, L2, L3, PE, N) | | |
| Rated Voltage (UN) | 230V/400V | | |
| Rated Insulation Voltage (Ui) | 690V | | |
| Frequency | 50Hz/60Hz | | |
| Operating Temperature | -25 °C up to +60 °C | | |
| Enclosure | Up to IP65 (IEC 60529) / IK 10 (IEC62262) | | |
| Material | Powder Coating Metal | | |
| Dimension | 180*80*40cm | | |
| AC Input | | | |
| Number (Inverter) | 4 *up to 50KW solar inverters | 4 *up to 60KW solar inverters | 4 *up to 80KW solar inverters |
| AC Breaker | 4*230V/400V 160 | A4*230V/400V 200A | 4*230V/400V 250A |
| Rated Current per Input (Inc) | Up to 160A | Up to 200A | Up to 250A |
| Connection | Via V-clamp (for Al and Cu cables) | | |
| AC Output | | | |
| Number | 1 per phase (Optionally 2) | | |
| AC Breaker | 1*230V/400V 630A | 1*230V/400V 800A | 1*230V/400V 1000A |
| Rated Current Output(InA) | 630A | 800A | 1000A |
| ConnectionVia | V-clamp (for Al and Cu cables) | | |
| Surge Protection Device | | | |
| Type | Type 2 275VAC 4P | | |

AC COMBINER BOX

FOR UP TO 6* 80KW INVERTERS

Solar string inverters are used more and more in the solar PV plants, requires reliable combiner and protection at AC side. BBWX-6 is a solution with AC MCCB build-in for AC inputs and output, type 2 AC SPD for over-voltage protection.

Customized solutions are available for different projects requirements.

Features:

- ☑ 3 phase inverter protection
- ☑ AC breaker or NH00 fuse switch for option
- ☑ Rated voltage 230V/400V
- ☑ 6 AC input
- ☑ 1 AC output



| Model | BBWX-6 | | |
|--------------------------------|--|-------------------------------|-------------------------------|
| Grid topology | TN-S (5-conductor system:L1, L2, L3, PE, N) | | |
| Rated Voltage (UN) | 230V/400V | | |
| Rated Insulation Voltage (Ui) | 690V | | |
| Frequency | 50Hz/60Hz | | |
| Operating Temperature | -25 °C up to +60 °C | | |
| Enclosure | Up to IP65 (IEC 60529) / IK 10 (IEC62262) | | |
| Material | Powder Coating Metal | | |
| Dimension | 180*80*40cm | | |
| AC Input | | | |
| Number (Inverter) | 6 *up to 50KW solar inverters | 6 *up to 60KW solar inverters | 6 *up to 80KW solar inverters |
| AC Breaker | 6*230V/400V 160A | 6*230V/400V 200A | 6*230V/400V 250A |
| Rated Current per Input (Inc) | Up to 160A | Up to 200A | Up to 250A |
| Connection | Via V-clamp (for Al and Cu cables) | | |
| AC Output | | | |
| Number | 1 per phase (Optionally 2) | | |
| AC Breaker | 1*230V/400V 1000A | 1*230V/400V 1250A | 1*230V/400V 1600A |
| Rated Current Output(InA) | 1000A | 1250A | 1600A |
| ConnectionVia | V-clamp (for Al and Cu cables) | | |
| Surge Protection Device | | | |
| Type | Type 2 275VAC 4P | | |

AC COMBINER BOX

FOR UP TO 4* 80KW INVERTERS

Solar string inverters are used more and more in the solar PV plants, requires reliable combiner and protection at AC side. BBWX-4 is a solution with AC MCCB build-in for AC inputs and output, type 2 AC SPD for over-voltage protection.

Customized solutions are available for different projects requirements.

Features:

- ☑ 3 phase inverter protection
- ☑ AC breaker or NH00 fuse switch for option
- ☑ Rated voltage 690V
- ☑ 4 AC input
- ☑ 1 AC output



| Model | BBWX-4 | | |
|--------------------------------|--|--------------------------------|--------------------------------|
| Grid topology | TN-S (5-conductor system:L1, L2, L3, PE, N) | | |
| Rated Voltage (UN) | 690V | | |
| Rated Insulation Voltage (Ui) | 800V | | |
| Frequency | 50Hz/60Hz | | |
| Operating Temperature | -25 °C up to +60 °C | | |
| Enclosure | Up to IP65 (IEC 60529) / IK 10 (IEC62262) | | |
| Material | Powder Coating Metal | | |
| Dimension | 180*80*40cm | | |
| AC Input | | | |
| Number (Inverter) | 4 *up to 80KW solar inverters | 4 *up to 110KW solar inverters | 4 *up to 138KW solar inverters |
| AC Breaker | 4*690V 160A | 4*690V 200A | 4*690V 250A |
| Rated Current per Input (Inc) | Up to 160A | Up to 200A | Up to 250A |
| Connection | Via V-clamp (for Al and Cu cables) | | |
| AC Output | | | |
| Number | 1 per phase (Optionally 2) | | |
| AC Breaker | 1*690V 630A | 1*690V 800A | 1*690V 1000A |
| Rated Current Output(InA) | 630A | 800A | 1000A |
| ConnectionVia | V-clamp (for Al and Cu cables) | | |
| Surge Protection Device | | | |
| Type | Type 2AC 4P | | |

AC COMBINER BOX

FOR UP TO 6* 80KW INVERTERS

Solar string inverters are used more and more in the solar PV plants, requires reliable combiner and protection at AC side. BBWX-6 is a solution with AC MCCB build-in for AC inputs and output, type 2 AC SPD for over-voltage protection.

Customized solutions are available for different projects requirements.

Features:

- ☑ 3 phase inverter protection
- ☑ AC breaker or NH00 fuse switch for option
- ☑ Rated voltage 690V
- ☑ 6 AC input
- ☑ 1 AC output



| Model | BBWX-6 | | |
|--------------------------------|--|--------------------------------|--------------------------------|
| Grid topology | TN-S (5-conductor system:L1, L2, L3, PE, N) | | |
| Rated Voltage (UN) | 690V | | |
| Rated Insulation Voltage (Ui) | 800V | | |
| Frequency | 50Hz/60Hz | | |
| Operating Temperature | -25 °C up to +60 °C | | |
| Enclosure | Up to IP65 (IEC 60529) / IK 10 (IEC62262) | | |
| Material | Powder Coating Metal | | |
| Dimension | 194*100*40cm | | |
| AC Input | | | |
| Number (Inverter) | 6 *up to 80KW solar inverters | 6 *up to 110KW solar inverters | 6 *up to 138KW solar inverters |
| AC Breaker | 6*690V 160A | 6*690V 200A | 6*690V 250A |
| Rated Current per Input (Inc) | Up to 160A | Up to 200A | Up to 250A |
| Connection | Via V-clamp (for Al and Cu cables) | | |
| AC Output | | | |
| Number | 1 per phase (Optionally 2) | | |
| AC Breaker | 1*690V 1000A | 1*690V 1250A | 1*690V 1600A |
| Rated Current Output(InA) | 1000A | 1250A | 1600A |
| ConnectionVia | V-clamp (for Al and Cu cables) | | |
| Surge Protection Device | | | |
| Type | Type 2AC 4P | | |

AC COMBINER BOX

FOR UP TO 4* 100KW INVERTERS

Solar string inverters are used more and more in the solar PV plants, requires reliable combiner and protection at AC side. BBWX-4 is a solution with AC MCCB build-in for AC inputs and output, type 2 AC SPD for over-voltage protection.

Customized solutions are available for different projects requirements.

Features:

- ☑ 3 phase inverter protection
- ☑ AC breaker or NH00 fuse switch for option
- ☑ Rated voltage 800V
- ☑ 4 AC input
- ☑ 1 AC output



| Model | BBWX-4 | | |
|--------------------------------|--|--------------------------------|--------------------------------|
| Grid topology | TN-S (5-conductor system:L1, L2, L3, PE, N) | | |
| Rated Voltage (UN) | 800V | | |
| Rated Insulation Voltage (Ui) | 1000V | | |
| Frequency | 50Hz/60Hz | | |
| Operating Temperature | -25 °C up to +60 °C | | |
| Enclosure | Up to IP65 (IEC 60529) / IK 10 (IEC62262) | | |
| Material | Powder Coating Metal | | |
| Dimension | 154*80*40cm | | |
| AC Input | | | |
| Number (Inverter) | 4 *up to 100KW solar inverters | 4 *up to 120KW solar inverters | 4 *up to 160KW solar inverters |
| AC Breaker | 4*800V 160A | 4*800V 200A | 4*800V 250A |
| Rated Current per Input (Inc) | Up to 160A | Up to 200A | Up to 250A |
| Connection | Via V-clamp (for Al and Cu cables) | | |
| AC Output | | | |
| Number | 1 per phase (Optionally 2) | | |
| AC Breaker | 1*800V 630A | 1*800V 800A | 1*800V 1000A |
| Rated Current Output(InA) | 1000A | 1250A | 1600A |
| ConnectionVia | V-clamp (for Al and Cu cables) | | |
| Surge Protection Device | | | |
| Type | Type 2AC 4P | | |

AC COMBINER BOX

FOR UP TO 6* 100KW INVERTERS

Solar string inverters are used more and more in the solar PV plants, requires reliable combiner and protection at AC side. BBWX-4 is a solution with AC MCCB build-in for AC inputs and output, type 2 AC SPD for over-voltage protection.

Customized solutions are available for different projects requirements.

Features:

- ☑ 3 phase inverter protection
- ☑ AC breaker or NH00 fuse switch for option
- ☑ Rated voltage 800V
- ☑ 6 AC input
- ☑ 1 AC output



| Model | BBWX-6 | | |
|--------------------------------|--|--------------------------------|--------------------------------|
| Grid topology | TN-S (5-conductor system:L1, L2, L3, PE, N) | | |
| Rated Voltage (UN) | 800V | | |
| Rated Insulation Voltage (Ui) | 1000V | | |
| Frequency | 50Hz/60Hz | | |
| Operating Temperature | -25 °C up to +60 °C | | |
| Enclosure | Up to IP65 (IEC 60529) / IK 10 (IEC62262) | | |
| Material | Powder Coating Metal | | |
| Dimension | 194*100*40cm | | |
| AC Input | | | |
| Number (Inverter) | 6 *up to 100KW solar inverters | 6 *up to 120KW solar inverters | 6 *up to 160KW solar inverters |
| AC Breaker | 6*800V 160A | 6*800V 200A | 6*800V 250A |
| Rated Current per Input (Inc) | Up to 160A | Up to 200A | Up to 250A |
| Connection | Via V-clamp (for Al and Cu cables) | | |
| AC Output | | | |
| Number | 1 per phase (Optionally 2) | | |
| AC Breaker | 1*800V 1000A | 1*800V 1250A | 1*800V 1600A |
| Rated Current Output(InA) | 1000A | 1250A | 1600A |
| ConnectionVia | V-clamp (for Al and Cu cables) | | |
| Surge Protection Device | | | |
| Type | Type 2AC 4P | | |