## Subtype XDASH12C series

| | |
|---|---|
| Certificate Holder | Guangdong Exinda Technology Co, Ltd |
| Address | Plot 04-10,04-11, Butterfly Ridge Industrial Zone, Xiantang Town, Dongyuan County, Heyuan City |
| ZIP | |
| City | Guangdong |
| Country | CN |
| Certification Body | BRE Global Limited |
| Subtype title | XDASH12C series |
| Registration number | 041-K114-03 |
| Heat Pump Type | Outdoor Air/Water |
| Refrigerant | R290 |
| Mass of Refrigerant | 0.9 kg |
| Certification Date | 07.09.2025 |
| Testing basis | Heat Pump Keymark Scheme Rules v15 |
| Testing laboratory | SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch, CN |

## Model XDASH12C3A

| | |
|---|---|
| Model name | XDASH12C3A |
| Application | Heating (medium temp) |
| Units | Outdoor |
| Climate zone (for heating) | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |
| Any additional heat sources | n/a |

## General data

| | |
|---|---|
| Power supply | 1x230V 50Hz |
| Off-peak product | n/a |

## Outdoor Air/Water

### EN 14511-4 | Heating

| | |
|---|---|
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

### EN 14511-2 | Heating

| | Low temperature | Medium temperature |
|---|---|---|
| Heat output | 9.10 kW | 10.40 kW |
| El input | 1.85 kW | 3.57 kW |
| COP | 4.92 | 2.91 |

### EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|---|---|---|
| Sound power level outdoor | 61 dB(A) | 65 dB(A) |

### EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|---|---|---|
| ηs | 185 % | 141 % |
| Prated | 9.10 kW | 9.10 kW |
| SCOP | 4.70 | 3.60 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 8.10 kW | 8.10 kW |
| COP Tj = -7°C | 3.00 | 2.20 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 4.90 kW | 4.90 kW |
| COP Tj = +2°C | 5.00 | 3.60 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 3.30 kW | 3.10 kW |

| | | |
|---|---|---|
| COP Tj = +7°C | 6.70 | 4.80 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 4.20 kW | 4.20 kW |
| COP Tj = 12°C | 9.90 | 7.30 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 8.10 kW | 8.10 kW |
| COP Tj = Tbiv | 3.00 | 2.20 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 7.80 kW | 7.10 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.50 | 2.00 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| WTOL | 65 °C | 65 °C |
| Poff | 12 W | 12 W |
| PTO | 12 W | 12 W |
| PSB | 12 W | 12 W |
| PCK | 32 W | 32 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.30 kW | 2.00 kW |
| Annual energy consumption Qhe | 4063 kWh | 5101 kWh |

| Model XDASH12C3B | | |
|---|---|---|
| Model name | XDASH12C3B | |
| Application | Heating (medium temp) | |
| Units | Outdoor | |
| Climate zone (for heating) | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | n/a | |
| Any additional heat sources | n/a | |

| General data | | |
|---|---|---|
| Power supply | 1x230V 50Hz | |
| Off-peak product | n/a | |

| Outdoor Air/Water | | |
|---|---|---|
| EN 14511-4 \| Heating | | |
| Shutting off the heat transfer medium flow | passed | |
| Complete power supply failure | passed | |
| Defrost test | passed | |
| Starting and operating test | passed | |

| EN 14511-2 \| Heating | | |
|---|---|---|
| | Low temperature | Medium temperature |
| Heat output | 9.10 kW | 10.40 kW |
| El input | 1.85 kW | 3.57 kW |
| COP | 4.92 | 2.91 |

| EN 12102-1 \| Average Climate | | |
|---|---|---|
| | Low temperature | Medium temperature |
| Sound power level outdoor | 61 dB(A) | 65 dB(A) |

| EN 14825 \| Average Climate | | |
|---|---|---|
| | Low temperature | Medium temperature |
| ηs | 185 % | 141 % |
| Prated | 9.10 kW | 9.10 kW |
| SCOP | 4.70 | 3.60 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 8.10 kW | 8.10 kW |
| COP Tj = -7°C | 3.00 | 2.20 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 4.90 kW | 4.90 kW |
| COP Tj = +2°C | 5.00 | 3.60 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 3.30 kW | 3.10 kW |

| | | |
|---|---|---|
| COP Tj = +7°C | 6.70 | 4.80 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 4.20 kW | 4.20 kW |
| COP Tj = 12°C | 9.90 | 7.30 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 8.10 kW | 8.10 kW |
| COP Tj = Tbiv | 3.00 | 2.20 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 7.80 kW | 7.10 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.50 | 2.00 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| WTOL | 65 °C | 65 °C |
| Poff | 12 W | 12 W |
| PTO | 12 W | 12 W |
| PSB | 12 W | 12 W |
| PCK | 32 W | 32 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.30 kW | 2.00 kW |
| Annual energy consumption Qhe | 4063 kWh | 5101 kWh |

| Model XDASH12C3C | | |
|---|---|---|
| Model name | XDASH12C3C | |
| Application | Heating (medium temp) | |
| Units | Outdoor | |
| Climate zone (for heating) | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | n/a | |
| Any additional heat sources | n/a | |
| **General data** | | |
| Power supply | 1x230V 50Hz | |
| Off-peak product | n/a | |
| **Outdoor Air/Water** | | |
| **EN 14511-4 \| Heating** | | |
| Shutting off the heat transfer medium flow | passed | |
| Complete power supply failure | passed | |
| Defrost test | passed | |
| Starting and operating test | passed | |
| **EN 14511-2 \| Heating** | | |
| | Low temperature | Medium temperature |
| Heat output | 9.10 kW | 10.40 kW |
| El input | 1.85 kW | 3.57 kW |
| COP | 4.92 | 2.91 |
| **EN 12102-1 \| Average Climate** | | |
| | Low temperature | Medium temperature |
| Sound power level outdoor | 61 dB(A) | 65 dB(A) |
| **EN 14825 \| Average Climate** | | |
| | Low temperature | Medium temperature |
| ηs | 185 % | 141 % |
| Prated | 9.10 kW | 9.10 kW |
| SCOP | 4.70 | 3.60 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 8.10 kW | 8.10 kW |
| COP Tj = -7°C | 3.00 | 2.20 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 4.90 kW | 4.90 kW |
| COP Tj = +2°C | 5.00 | 3.60 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 3.30 kW | 3.10 kW |

| | | |
|---|---|---|
| COP Tj = +7°C | 6.70 | 4.80 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 4.20 kW | 4.20 kW |
| COP Tj = 12°C | 9.90 | 7.30 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 8.10 kW | 8.10 kW |
| COP Tj = Tbiv | 3.00 | 2.20 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 7.80 kW | 7.10 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.50 | 2.00 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| WTOL | 65 °C | 65 °C |
| Poff | 12 W | 12 W |
| PTO | 12 W | 12 W |
| PSB | 12 W | 12 W |
| PCK | 32 W | 32 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.30 kW | 2.00 kW |
| Annual energy consumption Qhe | 4063 kWh | 5101 kWh |

| Model XDASH12C3A-S | | |
|---|---|---|
| Model name | XDASH12C3A-S | |
| Application | Heating (medium temp) | |
| Units | Outdoor | |
| Climate zone (for heating) | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | n/a | |
| Any additional heat sources | n/a | |

| General data | | |
|---|---|---|
| Power supply | 1x230V 50Hz | |
| Off-peak product | n/a | |

| Outdoor Air/Water | | |
|---|---|---|
| EN 14511-4 \| Heating | | |
| Shutting off the heat transfer medium flow | passed | |
| Complete power supply failure | passed | |
| Defrost test | passed | |
| Starting and operating test | passed | |

| EN 14511-2 \| Heating | | |
|---|---|---|
| | Low temperature | Medium temperature |
| Heat output | 9.10 kW | 10.40 kW |
| El input | 1.85 kW | 3.57 kW |
| COP | 4.92 | 2.91 |

| EN 12102-1 \| Average Climate | | |
|---|---|---|
| | Low temperature | Medium temperature |
| Sound power level outdoor | 61 dB(A) | 65 dB(A) |

| EN 14825 \| Average Climate | | |
|---|---|---|
| | Low temperature | Medium temperature |
| ηs | 185 % | 141 % |
| Prated | 9.10 kW | 9.10 kW |
| SCOP | 4.70 | 3.60 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 8.10 kW | 8.10 kW |
| COP Tj = -7°C | 3.00 | 2.20 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 4.90 kW | 4.90 kW |
| COP Tj = +2°C | 5.00 | 3.60 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 3.30 kW | 3.10 kW |

| | | |
|---|---|---|
| COP Tj = +7°C | 6.70 | 4.80 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 4.20 kW | 4.20 kW |
| COP Tj = 12°C | 9.90 | 7.30 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 8.10 kW | 8.10 kW |
| COP Tj = Tbiv | 3.00 | 2.20 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 7.80 kW | 7.10 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.50 | 2.00 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| WTOL | 65 °C | 65 °C |
| Poff | 12 W | 12 W |
| PTO | 12 W | 12 W |
| PSB | 12 W | 12 W |
| PCK | 32 W | 32 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.30 kW | 2.00 kW |
| Annual energy consumption Qhe | 4063 kWh | 5101 kWh |