

## Subtype Ecodan Power Inverter (TR) 12 + 300D AA

|                     |                                                                                   |
|---------------------|-----------------------------------------------------------------------------------|
| Certificate Holder  | Mitsubishi Electric Air Conditioning Systems Europe LTD                           |
| Address             | Nettlehill Road, Houston Industrial Estate                                        |
| ZIP                 | EH54 5EQ                                                                          |
| City                | Livingston                                                                        |
| Country             | GB                                                                                |
| Certification Body  | SZU - Strojirensky zkusebni ustav (Engineering Test Institute, Public Enterprise) |
| Subtype title       | Ecodan Power Inverter (TR) 12 + 300D AA                                           |
| Registration number | 037-0118-23                                                                       |
| Heat Pump Type      | Outdoor Air/Water                                                                 |
| Refrigerant         | R32                                                                               |
| Mass of Refrigerant | 1.8 kg                                                                            |
| Certification Date  | 26.04.2023                                                                        |
| Testing basis       | HP Keymark scheme rules rev. no. 9                                                |

## Model PUZ-SWM120VAA + EHST30D-\*M\*D

|                                     |                              |
|-------------------------------------|------------------------------|
| Model name                          | PUZ-SWM120VAA + EHST30D-*M*D |
| Application                         | Heating + DHW + low temp     |
| Units                               | Indoor, Outdoor              |
| Climate zone (for heating)          | n/a                          |
| Heat Source                         | Outdoor Air                  |
| 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 16147 | Average Climate

|                                 |            |
|---------------------------------|------------|
| Declared load profile           | XL         |
| Efficiency $\eta_{DHW}$         | 133 %      |
| COP                             | 3.22       |
| Heating up time                 | 2:31 h:min |
| Standby power input             | 47 W       |
| Reference hot water temperature | 52.5 °C    |
| Mixed water at 40°C             | 417 l      |

### 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 | 10 kW           | 7 kW               |
| El input    | 2.06 kW         | 2.59 kW            |
| COP         | 4.85            | 2.7                |

### EN 14511-2 | Cooling

|                  | +7°C/+12°C | +18°C/+23°C |
|------------------|------------|-------------|
| El input         | 3.86 kW    | 2.79 kW     |
| Cooling capacity | 11         | 12          |
| EER              | 2.85       | 4.3         |

### EN 12102-1 | Average Climate

|                          | Low temperature | Medium temperature |
|--------------------------|-----------------|--------------------|
| Sound power level indoor | 41 dB(A)        | 41 dB(A)           |

Sound power level outdoor 58 dB(A) 58 dB(A)

#### EN 14825 | Average Climate

|                                                     | Low temperature | Medium temperature |
|-----------------------------------------------------|-----------------|--------------------|
| $\eta_s$                                            | 177 %           | 131 %              |
| Prated                                              | 12.1 kW         | 12.1 kW            |
| SCOP                                                | 4.49            | 3.36               |
| Tbiv                                                | -7 °C           | -7 °C              |
| TOL                                                 | -10 °C          | -10 °C             |
| Pdh Tj = -7°C                                       | 10.7 kW         | 10.7 kW            |
| COP Tj = -7°C                                       | 2.75            | 1.87               |
| Cdh Tj = -7 °C                                      | 0.996           | 0.997              |
| Pdh Tj = +2°C                                       | 6.5 kW          | 6.5 kW             |
| COP Tj = +2°C                                       | 4.5             | 3.33               |
| Cdh Tj = +2 °C                                      | 0.99            | 0.992              |
| Pdh Tj = +7°C                                       | 5.2 kW          | 5 kW               |
| COP Tj = +7°C                                       | 6               | 4.65               |
| Cdh Tj = +7 °C                                      | 0.983           | 0.986              |
| Pdh Tj = 12°C                                       | 4 kW            | 3.8 kW             |
| COP Tj = 12°C                                       | 7               | 6.2                |
| Cdh Tj = +12 °C                                     | 0.974           | 0.976              |
| Pdh Tj = Tbiv                                       | 10.7 kW         | 10.7 kW            |
| COP Tj = Tbiv                                       | 2.75            | 1.87               |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.7 kW         | 10.7 kW            |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.4             | 1.55               |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.997           | 0.998              |
| WTOL                                                | 60 °C           | 60 °C              |
| Poff                                                | 15 W            | 15 W               |
| PTO                                                 | 15 W            | 15 W               |
| PSB                                                 | 15 W            | 15 W               |
| PCK                                                 | 0 W             | 0 W                |
| Supplementary Heater: Type of energy input          | Electricity     | Electricity        |
| Supplementary Heater: PSUP                          | 1.4 kW          | 1.4 kW             |
| Annual energy consumption Qhe                       | 5566 kWh        | 7450 kWh           |

#### EN 14825 | Cooling

|                | +7°C/+12°C | +18°C/+23°C |
|----------------|------------|-------------|
| Pdesignc       | 11 kW      | 12 kW       |
| SEER           | 4.13       | 5.69        |
| Pdc Tj = 35°C  | 11 kW      | 12 kW       |
| EER Tj = 35°C  | 2.85       | 4.3         |
| Cdc Tj = 35 °C | 0.996      | 0.995       |
| Pdc Tj = 30°C  | 8.11 kW    | 8.84 kW     |

|                               |          |          |
|-------------------------------|----------|----------|
| EER Tj = 30°C                 | 3.98     | 5.75     |
| Cdc Tj = 30 °C                | 0.993    | 0.99     |
| Pdc Tj = 25°C                 | 5.21 kW  | 5.68 kW  |
| EER Tj = 25°C                 | 4.59     | 5.99     |
| Cdc Tj = 25 °C                | 0.987    | 0.984    |
| Pdc Tj = 20°C                 | 2.5 kW   | 3.5 kW   |
| EER Tj = 20°C                 | 4.45     | 6.3      |
| Cdc Tj = 20 °C                | 0.973    | 0.973    |
| Poff                          | 15 W     | 15 W     |
| PTO                           | 15 W     | 15 W     |
| PSB                           | 15 W     | 15 W     |
| PCK                           | 0 W      | 0 W      |
| Annual energy consumption Qce | 1597 kWh | 1266 kWh |

## Model PUZ-SWM120YAA + EHST30D-\*M\*D

|                                     |                              |
|-------------------------------------|------------------------------|
| Model name                          | PUZ-SWM120YAA + EHST30D-*M*D |
| Application                         | Heating + DHW + low temp     |
| Units                               | Indoor, Outdoor              |
| Climate zone (for heating)          | n/a                          |
| Heat Source                         | Outdoor Air                  |
| Cooling mode application (optional) | n/a                          |
| Any additional heat sources         | n/a                          |

## General data

|                  |             |
|------------------|-------------|
| Power supply     | 3x400V 50Hz |
| Off-peak product | n/a         |

## Outdoor Air/Water

### EN 16147 | Average Climate

|                                 |            |
|---------------------------------|------------|
| Declared load profile           | XL         |
| Efficiency $\eta_{DHW}$         | 133 %      |
| COP                             | 3.22       |
| Heating up time                 | 2:31 h:min |
| Standby power input             | 47 W       |
| Reference hot water temperature | 52.5 °C    |
| Mixed water at 40°C             | 417 l      |

### 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 | 10 kW           | 7 kW               |
| El input    | 2.06 kW         | 2.59 kW            |
| COP         | 4.85            | 2.7                |

### EN 14511-2 | Cooling

|                  | +7°C/+12°C | +18°C/+23°C |
|------------------|------------|-------------|
| El input         | 3.86 kW    | 2.79 kW     |
| Cooling capacity | 11         | 12          |
| EER              | 2.85       | 4.3         |

### EN 12102-1 | Average Climate

|                          | Low temperature | Medium temperature |
|--------------------------|-----------------|--------------------|
| Sound power level indoor | 41 dB(A)        | 41 dB(A)           |

Sound power level outdoor                      58 dB(A)                      58 dB(A)

#### EN 14825 | Average Climate

|                                                     | Low temperature | Medium temperature |
|-----------------------------------------------------|-----------------|--------------------|
| $\eta_s$                                            | 176 %           | 131 %              |
| Prated                                              | 12.1 kW         | 12.1 kW            |
| SCOP                                                | 4.46            | 3.34               |
| Tbiv                                                | -7 °C           | -7 °C              |
| TOL                                                 | -10 °C          | -10 °C             |
| Pdh Tj = -7°C                                       | 10.7 kW         | 10.7 kW            |
| COP Tj = -7°C                                       | 2.75            | 1.87               |
| Cdh Tj = -7 °C                                      | 0.994           | 0.996              |
| Pdh Tj = +2°C                                       | 6.5 kW          | 6.5 kW             |
| COP Tj = +2°C                                       | 4.5             | 3.33               |
| Cdh Tj = +2 °C                                      | 0.985           | 0.989              |
| Pdh Tj = +7°C                                       | 5.2 kW          | 5 kW               |
| COP Tj = +7°C                                       | 6               | 4.65               |
| Cdh Tj = +7 °C                                      | 0.975           | 0.98               |
| Pdh Tj = 12°C                                       | 4 kW            | 3.8 kW             |
| COP Tj = 12°C                                       | 7               | 6.2                |
| Cdh Tj = +12 °C                                     | 0.962           | 0.964              |
| Pdh Tj = Tbiv                                       | 10.7 kW         | 10.7 kW            |
| COP Tj = Tbiv                                       | 2.75            | 1.87               |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.7 kW         | 10.7 kW            |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.4             | 1.55               |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.995           | 0.997              |
| WTOL                                                | 60 °C           | 60 °C              |
| Poff                                                | 22 W            | 22 W               |
| PTO                                                 | 22 W            | 22 W               |
| PSB                                                 | 22 W            | 22 W               |
| PCK                                                 | 0 W             | 0 W                |
| Supplementary Heater: Type of energy input          | Electricity     | Electricity        |
| Supplementary Heater: PSUP                          | 1.4 kW          | 1.4 kW             |
| Annual energy consumption Qhe                       | 5600 kWh        | 7485 kWh           |

#### EN 14825 | Cooling

|                | +7°C/+12°C | +18°C/+23°C |
|----------------|------------|-------------|
| Pdesignc       | 11 kW      | 12 kW       |
| SEER           | 4.1        | 5.62        |
| Pdc Tj = 35°C  | 11 kW      | 12 kW       |
| EER Tj = 35°C  | 2.85       | 4.3         |
| Cdc Tj = 35 °C | 0.994      | 0.992       |
| Pdc Tj = 30°C  | 8.11 kW    | 8.84 kW     |

|                               |          |          |
|-------------------------------|----------|----------|
| EER Tj = 30°C                 | 3.98     | 5.75     |
| Cdc Tj = 30 °C                | 0.989    | 0.986    |
| Pdc Tj = 25°C                 | 5.21 kW  | 5.68 kW  |
| EER Tj = 25°C                 | 4.59     | 5.99     |
| Cdc Tj = 25 °C                | 0.981    | 0.977    |
| Pdc Tj = 20°C                 | 2.5 kW   | 3.5 kW   |
| EER Tj = 20°C                 | 4.45     | 6.3      |
| Cdc Tj = 20 °C                | 0.961    | 0.96     |
| Poff                          | 22 W     | 22 W     |
| PTO                           | 22 W     | 22 W     |
| PSB                           | 22 W     | 22 W     |
| PCK                           | 0 W      | 0 W      |
| Annual energy consumption Qce | 1611 kWh | 1282 kWh |

## Model PUZ-SWM120VAA + ERST30D-\*M\*D

|                                     |                              |
|-------------------------------------|------------------------------|
| Model name                          | PUZ-SWM120VAA + ERST30D-*M*D |
| Application                         | Heating + DHW + low temp     |
| Units                               | Indoor, Outdoor              |
| Climate zone (for heating)          | n/a                          |
| Heat Source                         | Outdoor Air                  |
| Reversibility                       | Yes                          |
| Cooling mode application (optional) | +7°C/12°C, +18°C/+23°C       |
| Any additional heat sources         | n/a                          |

## General data

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

## Outdoor Air/Water

## EN 16147 | Average Climate

|                                 |            |
|---------------------------------|------------|
| Declared load profile           | XL         |
| Efficiency $\eta_{DHW}$         | 133 %      |
| COP                             | 3.22       |
| Heating up time                 | 2:31 h:min |
| Standby power input             | 47 W       |
| Reference hot water temperature | 52.5 °C    |
| Mixed water at 40°C             | 417 l      |

## 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 | 10 kW           | 7 kW               |
| El input    | 2.06 kW         | 2.59 kW            |
| COP         | 4.85            | 2.7                |

## EN 14511-2 | Cooling

|                  | +7°C/+12°C | +18°C/+23°C |
|------------------|------------|-------------|
| El input         | 3.86 kW    | 2.79 kW     |
| Cooling capacity | 11         | 12          |
| EER              | 2.85       | 4.3         |

## EN 12102-1 | Average Climate

|  | Low temperature | Medium temperature |
|--|-----------------|--------------------|
|--|-----------------|--------------------|



|                           |          |          |
|---------------------------|----------|----------|
| Sound power level indoor  | 41 dB(A) | 41 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

#### EN 14825 | Average Climate

|                                                     | Low temperature | Medium temperature |
|-----------------------------------------------------|-----------------|--------------------|
| $\eta_s$                                            | 178 %           | 132 %              |
| Prated                                              | 12.1 kW         | 12.1 kW            |
| SCOP                                                | 4.54            | 3.38               |
| Tbiv                                                | -7 °C           | -7 °C              |
| TOL                                                 | -10 °C          | -10 °C             |
| Pdh Tj = -7°C                                       | 10.7 kW         | 10.7 kW            |
| COP Tj = -7°C                                       | 2.75            | 1.87               |
| Cdh Tj = -7 °C                                      | 0.996           | 0.997              |
| Pdh Tj = +2°C                                       | 6.5 kW          | 6.5 kW             |
| COP Tj = +2°C                                       | 4.5             | 3.33               |
| Cdh Tj = +2 °C                                      | 0.99            | 0.992              |
| Pdh Tj = +7°C                                       | 5.2 kW          | 5 kW               |
| COP Tj = +7°C                                       | 6               | 4.65               |
| Cdh Tj = +7 °C                                      | 0.983           | 0.986              |
| Pdh Tj = 12°C                                       | 4 kW            | 3.8 kW             |
| COP Tj = 12°C                                       | 7               | 6.2                |
| Cdh Tj = +12 °C                                     | 0.974           | 0.976              |
| Pdh Tj = Tbiv                                       | 10.7 kW         | 10.7 kW            |
| COP Tj = Tbiv                                       | 2.75            | 1.87               |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.7 kW         | 10.7 kW            |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.4             | 1.55               |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.997           | 0.998              |
| WTOL                                                | 60 °C           | 60 °C              |
| Poff                                                | 15 W            | 15 W               |
| PTO                                                 | 15 W            | 15 W               |
| PSB                                                 | 15 W            | 15 W               |
| PCK                                                 | 0 W             | 0 W                |
| Supplementary Heater: Type of energy input          | Electricity     | Electricity        |
| Supplementary Heater: PSUP                          | 1.4 kW          | 1.4 kW             |
| Annual energy consumption Qhe                       | 5511 kWh        | 7395 kWh           |

#### EN 14825 | Cooling

|                | +7°C/+12°C | +18°C/+23°C |
|----------------|------------|-------------|
| Pdesignc       | 11 kW      | 12 kW       |
| SEER           | 4.13       | 5.69        |
| Pdc Tj = 35°C  | 11 kW      | 12 kW       |
| EER Tj = 35°C  | 2.85       | 4.3         |
| Cdc Tj = 35 °C | 0.996      | 0.995       |

|                               |          |          |
|-------------------------------|----------|----------|
| Pdc Tj = 30°C                 | 8.11 kW  | 8.84 kW  |
| EER Tj = 30°C                 | 3.98     | 5.75     |
| Cdc Tj = 30 °C                | 0.993    | 0.99     |
| Pdc Tj = 25°C                 | 5.21 kW  | 5.68 kW  |
| EER Tj = 25°C                 | 4.59     | 5.99     |
| Cdc Tj = 25 °C                | 0.987    | 0.984    |
| Pdc Tj = 20°C                 | 2.5 kW   | 3.5 kW   |
| EER Tj = 20°C                 | 4.45     | 6.3      |
| Cdc Tj = 20 °C                | 0.973    | 0.973    |
| Poff                          | 15 W     | 15 W     |
| PTO                           | 15 W     | 15 W     |
| PSB                           | 15 W     | 15 W     |
| PCK                           | 0 W      | 0 W      |
| Annual energy consumption Qce | 1597 kWh | 1266 kWh |

## Model PUZ-SWM120YAA + ERST30D-\*M\*D

|                                     |                              |
|-------------------------------------|------------------------------|
| Model name                          | PUZ-SWM120YAA + ERST30D-*M*D |
| Application                         | Heating + DHW + low temp     |
| Units                               | Indoor, Outdoor              |
| Climate zone (for heating)          | n/a                          |
| Heat Source                         | Outdoor Air                  |
| Reversibility                       | Yes                          |
| Cooling mode application (optional) | +7°C/12°C, +18°C/+23°C       |
| Any additional heat sources         | n/a                          |

## General data

|                  |             |
|------------------|-------------|
| Power supply     | 3x400V 50Hz |
| Off-peak product | n/a         |

## Outdoor Air/Water

## EN 16147 | Average Climate

|                                 |            |
|---------------------------------|------------|
| Declared load profile           | XL         |
| Efficiency $\eta_{DHW}$         | 133 %      |
| COP                             | 3.22       |
| Heating up time                 | 2:31 h:min |
| Standby power input             | 47 W       |
| Reference hot water temperature | 52.5 °C    |
| Mixed water at 40°C             | 417 l      |

## 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 | 10 kW           | 7 kW               |
| El input    | 2.06 kW         | 2.59 kW            |
| COP         | 4.85            | 2.7                |

## EN 14511-2 | Cooling

|                  | +7°C/+12°C | +18°C/+23°C |
|------------------|------------|-------------|
| El input         | 3.86 kW    | 2.79 kW     |
| Cooling capacity | 11         | 12          |
| EER              | 2.85       | 4.3         |

## EN 12102-1 | Average Climate

|  | Low temperature | Medium temperature |
|--|-----------------|--------------------|
|--|-----------------|--------------------|

|                           |          |          |
|---------------------------|----------|----------|
| Sound power level indoor  | 41 dB(A) | 41 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

#### EN 14825 | Average Climate

|                                                     | Low temperature | Medium temperature |
|-----------------------------------------------------|-----------------|--------------------|
| $\eta_s$                                            | 178 %           | 132 %              |
| Prated                                              | 12.1 kW         | 12.1 kW            |
| SCOP                                                | 4.53            | 3.38               |
| Tbiv                                                | -7 °C           | -7 °C              |
| TOL                                                 | -10 °C          | -10 °C             |
| Pdh Tj = -7°C                                       | 10.7 kW         | 10.7 kW            |
| COP Tj = -7°C                                       | 2.75            | 1.87               |
| Cdh Tj = -7 °C                                      | 0.994           | 0.996              |
| Pdh Tj = +2°C                                       | 6.5 kW          | 6.5 kW             |
| COP Tj = +2°C                                       | 4.5             | 3.33               |
| Cdh Tj = +2 °C                                      | 0.985           | 0.989              |
| Pdh Tj = +7°C                                       | 5.2 kW          | 5 kW               |
| COP Tj = +7°C                                       | 6               | 4.65               |
| Cdh Tj = +7 °C                                      | 0.975           | 0.98               |
| Pdh Tj = 12°C                                       | 4 kW            | 3.8 kW             |
| COP Tj = 12°C                                       | 7               | 6.2                |
| Cdh Tj = +12 °C                                     | 0.962           | 0.964              |
| Pdh Tj = Tbiv                                       | 10.7 kW         | 10.7 kW            |
| COP Tj = Tbiv                                       | 2.75            | 1.87               |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.7 kW         | 10.7 kW            |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.4             | 1.55               |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.995           | 0.997              |
| WTOL                                                | 60 °C           | 60 °C              |
| Poff                                                | 22 W            | 22 W               |
| PTO                                                 | 22 W            | 22 W               |
| PSB                                                 | 22 W            | 22 W               |
| PCK                                                 | 0 W             | 0 W                |
| Supplementary Heater: Type of energy input          | Electricity     | Electricity        |
| Supplementary Heater: PSUP                          | 1.4 kW          | 1.4 kW             |
| Annual energy consumption Qhe                       | 5520 kWh        | 7404 kWh           |

#### EN 14825 | Cooling

|                | +7°C/+12°C | +18°C/+23°C |
|----------------|------------|-------------|
| Pdesignc       | 11 kW      | 12 kW       |
| SEER           | 4.1        | 5.62        |
| Pdc Tj = 35°C  | 11 kW      | 12 kW       |
| EER Tj = 35°C  | 2.85       | 4.3         |
| Cdc Tj = 35 °C | 0.994      | 0.992       |

|                               |          |          |
|-------------------------------|----------|----------|
| Pdc Tj = 30°C                 | 8.11 kW  | 8.84 kW  |
| EER Tj = 30°C                 | 3.98     | 5.75     |
| Cdc Tj = 30 °C                | 0.989    | 0.986    |
| Pdc Tj = 25°C                 | 5.21 kW  | 5.68 kW  |
| EER Tj = 25°C                 | 4.59     | 5.99     |
| Cdc Tj = 25 °C                | 0.981    | 0.977    |
| Pdc Tj = 20°C                 | 2.5 kW   | 3.5 kW   |
| EER Tj = 20°C                 | 4.45     | 6.3      |
| Cdc Tj = 20 °C                | 0.961    | 0.96     |
| Poff                          | 22 W     | 22 W     |
| PTO                           | 22 W     | 22 W     |
| PSB                           | 22 W     | 22 W     |
| PCK                           | 0 W      | 0 W      |
| Annual energy consumption Qce | 1611 kWh | 1282 kWh |