

Subtype EVI DC Inverter Air Source Heat Pump- R32- 25

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|---------------------|---|
| Certificate Holder | Guangzhou Sprsun New Energy Technology Dev. Co., Ltd, |
| Address | No.15 Tangxi Road, Yinsha Industrial Park |
| ZIP | 511338 |
| City | Guangzhou |
| Country | CN |
| Certification Body | BRE Global Limited |
| Subtype title | EVI DC Inverter Air Source Heat Pump- R32- 25 |
| Registration number | 041-K036-06 |
| Heat Pump Type | Outdoor Air/Water |
| Refrigerant | R32 |
| Mass of Refrigerant | 1.5 kg |
| Certification Date | 27.09.2024 |
| Testing basis | HP KEYMARK certification scheme rules rev. no.14 |

Model CGK025V3L

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|-------------------------------------|-----------------------|
| Model name | CGK025V3L |
| 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

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

Outdoor Air/Water

EN 14511-4 | Heating

Shutting off the heat transfer medium flow passed

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|-------------------------------|--------|
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

EN 14511-2 | Heating

| | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 7.85 kW | 8.00 kW |
| El input | 1.72 kW | 2.76 kW |
| COP | 4.57 | 2.90 |

EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 61 dB(A) | 60 dB(A) |

EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 176 % | 130 % |
| Prated | 7.78 kW | 7.22 kW |
| SCOP | 4.46 | 3.33 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.89 kW | 6.39 kW |
| COP Tj = -7°C | 3.44 | 2.41 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 4.12 kW | 3.90 kW |
| COP Tj = +2°C | 4.45 | 3.28 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 4.36 kW | 4.17 kW |

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|---|-------------|-------------|
| COP Tj = +7°C | 5.76 | 4.29 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 4.91 kW | 4.76 kW |
| COP Tj = 12°C | 7.63 | 5.77 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 6.89 kW | 6.39 kW |
| COP Tj = Tbiv | 3.44 | 2.41 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 6.58 kW | 6.70 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.13 | 2.11 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| WTOL | 60 °C | 60 °C |
| Poff | 14 W | 14 W |
| PTO | 15 W | 15 W |
| PSB | 14 W | 14 W |
| PCK | 30 W | 30 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.20 kW | 0.52 kW |
| Annual energy consumption Qhe | 3603 kWh | 4479 kWh |