

### Technical Specifications

| Split-type Inverter |   |                 |                 |
|---------------------|---|-----------------|-----------------|
| Sr No               | Parameter                                     | Unit            | Value           |
| 1                   | Model   | --              | GWH24YE-K6DNA1A |
| 2                   | Product Code                                  | --              | CB437001401     |
| 3                   | Power Supply                                  | Rated Voltage   | V~ 220-240      |
| 4                   |   | Rated Frequency | Hz 50           |
| 5                   |   | Phases          | -- 1            |
| 6                   | Power Supply Mode                             | --              | Outdoor         |
| 7                   | Cross-sectional Area of Power Cable Conductor | mm <sup>2</sup> | 2.50            |
| 8                   | Recommended Power Cable(Core)                 | N               | 3               |
| 9                   | Min/Max. Voltage                              | V               | 198/264         |
| 10                  | Cooling Capacity                              | W               | 7000            |
| 11                  | Cooling Capacity                              | Btu/h           | 24000           |
| 12                  | Min. Cooling Capacity                         | W               | 1100            |
| 13                  | Min. Cooling Capacity                         | Btu/h           | 3700            |
| 14                  | Max. Cooling Capacity                         | W               | 9050            |
| 15                  | Max. Cooling Capacity                         | Btu/h           | 30900           |
| 16                  | Pdesignc                                      | kW              | 7.00            |
| 17                  | Heating Capacity                              | W               | 7200            |
| 18                  | Heating Capacity                              | Btu/h           | 24500           |
| 19                  | Min. Heating Capacity                         | W               | 1700            |
| 20                  | Min. Heating Capacity                         | Btu/h           | 5800            |
| 21                  | Max. Heating Capacity                         | W               | 10100           |
| 22                  | Max. Heating Capacity                         | Btu/h           | 34600           |
| 23                  | Pdesignh(Average)                             | kW              | 6.40            |
| 24                  | Pdesignh(Warmer)                              | kW              | 7.10            |
| 25                  | Pdesignh(Colder)                              | kW              | 6.40            |
| 26                  | Cooling Power Input                           | W               | 2000            |
| 27                  | Min. Cooling Power Input                      | W               | 400             |
| 28                  | Max. Cooling Power Input                      | W               | 3700            |
| 29                  | Heating Power Input                           | W               | 1845            |
| 30                  | Min. Heating Power Input                      | W               | 450             |
| 31                  | Max. Heating Power Input                      | W               | 3800            |
| 32                  | Cooling Current                               | A               | 9.15            |
| 33                  | Heating Current                               | A               | 8.44            |
| 34                  | Rated Input                                   | W               | 3800            |
| 35                  | Rated Current                                 | A               | 16.42           |
| 36                  | Rated Heating Current                         | A               | 16.86           |
| 37                  | Max. Over Current Protection                  | A               | /               |
| 38                  | Min. Current (MCA)                            | A               | /               |
| 39                  | Starting Current                              | A               | 5               |
| 40                  | EER   | W/W             | 3.50            |
| 41                  | EER   | (Btu/h)/w       | 12.00           |
| 42                  | COP   | W/W             | 3.90            |
| 43                  | COP   | (Btu/h)/w       | 13.30           |
| 44                  | R   | --              | /               |
| 45                  | SEER  | --              | 7.00            |
| 46                  | HSPF  | --              | /               |
| 47                  | SCOP(Average)                                 | --              | 4.00            |
| 48                  | SCOP(Warmer)                                  | --              | 5.20            |
| 49                  | SCOP(Colder)                                  | --              | 3.40            |

|    |                      |                                 |   |
|----|----------------------|---------------------------------|---|
|    | AEER                 |                                 | /   |
|    | ACOP                 |                                 | /   |
| 50 | APF                  | W/W                             | /   |
| 51 | Energy Class         | --                              | A+++<Cooling>/A+<Average><br>e>/A+++<Warming>/A<Cold> |
| 52 | Air Flow Volume      | m <sup>3</sup> /h               | 1250/1100/1000/950/900/<br>850/750                    |
| 53 | Air Flow Volume      | CFM                             | 736/647/588/559/530/500/<br>/441                      |
| 54 | Dehumidifying Volume | L/h                             | 2.40  |
| 55 | Dehumidifying Volume | PINT/D                          | 5.07  |
| 56 | Application Area     | m <sup>2</sup>                  | 27-42   |
| 57 | Indoor Unit          | Indoor Unit Model               | -- GWH24YE-K6DNA1A/I                                  |
| 58 |                      | Fan Type                        | -- Cross-flow   |
| 59 |                      | Fan Diameter Length(D×L)        | mm Φ108×830   |
| 60 |                      | Fan Diameter Length(D×L)        | inch Φ4 1/4×32 7/10                                   |
| 61 |                      | Cooling Speed                   | r/min 1250/1100/1000/950/900/<br>850/800/600          |
| 62 |                      | Heating Speed                   | r/min 1400/1250/1100/1050/1000/<br>900/850            |
| 63 |                      | Fan Motor Power Output          | W 50  |
| 64 |                      | Fan Motor RLA                   | A 0.35  |
| 65 |                      | Fan Motor Capacitor             | μF /  |
| 66 |                      | Heater Power Input              | W /   |
| 67 |                      | Evaporator Form                 | -- Aluminum Fin-copper Tube                           |
| 68 |                      | Evaporator Pipe Diameter        | mm φ7   |
| 69 |                      | Evaporator Pipe Diameter        | inch 0.276  |
| 70 |                      | Evaporator Row-fin Gap          | mm 1.5  |
| 71 |                      | Evaporator Row-fin Gap          | inch 0.055  |
| 72 |                      | Evaporator Coil Length (L×D×W)  | mm 850×25.4×342.9                                     |
| 73 |                      | Evaporator Coil Length (L×D×W)  | inch 33 13/28×1×13 1/2                                |
| 74 |                      | Swing Motor Model               | -- MP35CP   |
| 75 |                      | Swing Motor Power Output        | W 2.5   |
| 76 |                      | Fuse Current                    | A 3.15  |
| 77 |                      | Set Temperature Range           | °C 16 ~ 30  |
| 78 |                      | Set Temperature Range           | °F 61 ~ 86  |
| 79 |                      | Sound Pressure Level            | dB (A) 49/47/44/42/40/38/36                           |
| 80 |                      | Sound Power Level               | dB (A) 65/61/58/56/54/52/50                           |
| 81 |                      | Dimension (W×H×D)               | mm 1101×327×249                                       |
| 82 |                      | Dimension (W×H×D)               | inch 43.346×12.874×9.803                              |
| 83 |                      | Dimension of Carton Box (L×W×H) | mm 1164×402×339                                       |
| 84 |                      | Dimension of Carton Box (L×W×H) | inch 45.827×15.827×13.346                             |
| 85 |                      | Dimension of Package(L×W×H)     | mm 1167×405×354                                       |
| 86 |                      | Dimension of Package(L×W×H)     | inch 45.945×15.945×13.937                             |
| 87 |                      | Stacked Layers                  | -- 7  |
| 88 | Net Weight           | kg 16.5                         |   |
| 89 | Net Weight           | lb 36.4                         |   |
| 90 | Gross Weight         | kg 20                           |   |
| 91 | Gross Weight         | lb 44.1                         |   |

|     |                                 |   |                      |                                     |
|-----|---------------------------------|---|----------------------|-------------------------------------|
| 92  | Outdoor Unit                    | Outdoor Unit Model  | --                   | GWH24YE-K6DNA1A/O                   |
| 93  |                                 | Compressor Trademark  |                      | GREE                                |
| 94  |                                 | Compressor Manufacturer   | --                   | ZHUHAI LANDA<br>COMPRESSOR CO.,LTD. |
| 95  |                                 | Compressor Model  | --                   | QXFS-D23ZX090A                      |
| 96  |                                 | Compressor Oil  | --                   | FW68DA                              |
| 97  |                                 | Compressor Type   | --                   | Rotary                              |
| 98  |                                 | Compressor LRA.   | A                    | 25                                  |
| 99  |                                 | Compressor RLA  | A                    | 11.50                               |
| 100 |                                 | Compressor Power Input  | W                    | 2550                                |
| 101 |                                 | Compressor Overload Protector                                   | --                   | 1NT11L-6233/HPC 115/95<br>/KSD115°C |
| 102 |                                 | Fan Type  | --                   | Axial-flow                          |
| 103 |                                 | Fan Diameter  | mm                   | φ520                                |
| 104 |                                 | Fan Diameter  | inch                 | 20.5                                |
| 105 |                                 | Fan Motor Speed   | rpm                  | 800                                 |
| 106 |                                 | Fan Motor Power Output  | W                    | 60                                  |
| 107 |                                 | Fan Motor RLA   | A                    | 0.58                                |
| 108 |                                 | Fan Motor Capacitor   | μF                   | /                                   |
| 109 |                                 | Outdoor Unit Air Flow Volume                                    | m <sup>3</sup> /h    | 3200                                |
| 110 |                                 | Condenser Form  | --                   | Aluminum Fin-copper Tube            |
| 111 |                                 | Condenser Pipe Diameter   | mm                   | φ7                                  |
| 112 |                                 | Condenser Pipe Diameter   | inch                 | /                                   |
| 113 |                                 | Condenser Rows-fin Gap  | mm                   | 2-1.4                               |
| 114 |                                 | Condenser Rows-fin Gap  | inch                 | /                                   |
| 115 |                                 | Condenser Coil Length (L×D×W)                                   | mm                   | 935×38.1×660                        |
| 116 |                                 | Condenser Coil Length (L×D×W)                                   | inch                 | /                                   |
| 117 |                                 | Permissible Excessive Operating Pressure for the Discharge Side | MPa                  | 4.3                                 |
| 118 |                                 | Permissible Excessive Operating Pressure for the Suction Side   | MPa                  | 2.5                                 |
| 119 |                                 | Maximum Allowable Pressure                                      | MPa                  | 4.3                                 |
| 120 |                                 | Cooling Operation Ambient Temperature Range                     | °C                   | -15 ~ 43                            |
| 121 |                                 | Cooling Operation Ambient Temperature Range                     | °F                   | 5 ~ 109                             |
| 122 |                                 | Heating Operation Ambient Temperature Range                     | °C                   | -22~24                              |
| 123 |                                 | Heating Operation Ambient Temperature Range                     | °F                   | -8 ~ 75                             |
| 124 |                                 | Throttling Method   | --                   | Electron expansion valve            |
| 125 |                                 | Defrosting Method   | --                   | Automatic Defrosting                |
| 126 |                                 | Climate Type  | --                   | T1                                  |
| 127 |                                 | Climate Zone  | --                   | Temperate Zone                      |
| 128 |                                 | Isolation   | --                   | I                                   |
| 129 |                                 | Moisture Protection   | --                   | IPX4                                |
| 130 |                                 | Sound Pressure Level  | dB (A)               | 60                                  |
| 131 | Sound Power Level               | dB (A)  | 70                   |                                     |
| 132 | Dimension (W×H×D)               | mm  | 955×700×396          |                                     |
| 133 | Dimension (W×H×D)               | inch  | 37.598×27.559×15.591 |                                     |
| 134 | Dimension of Carton Box (L×W×H) | mm  | 1026×455×735         |                                     |
| 135 | Dimension of Carton Box (L×W×H) | inch  | 40.394×17.913×28.937 |                                     |
| 136 | Dimension of Package(L×W×H)     | mm  | 1029×458×750         |                                     |
| 137 | Dimension of Package(L×W×H)     | inch  | 40.512×18.031×29.528 |                                     |
| 138 | Stacked Layers                  | --  | 4                    |                                     |
| 139 | Net Weight                      | kg  | 53                   |                                     |

|     |                             |  |        |       |
|-----|-----------------------------|--|--------|-------|
| 140 |                             | Net Weight   | lb     | 116.9 |
| 141 |                             | Gross Weight   | kg     | 57.5  |
| 142 |                             | Gross Weight   | lb     | 126.8 |
| 143 |                             | Refrigerant  | --     | R32   |
| 144 |                             | Refrigerant Charge                                       | kg     | 1.7   |
| 145 |                             | Refrigerant Charge                                       | oz     | 60.0  |
| 146 | <b>Connection<br/>Pipe</b>  | Length   | m      | 5     |
| 147 |                             | Length   | ft     | 16.4  |
| 148 |                             | Gas Additional Charge                                    | g/m    | 50    |
| 149 |                             | Gas Additional Charge                                    | oz/ft. | 0.5   |
| 150 |                             | Outer Diameter of Liquid Pipe(GREE Allocation)(Metric)   | mm     | φ6    |
| 151 |                             | Outer Diameter of Liquid Pipe(British System Allocation) | inch   | 1/4"  |
| 152 |                             | Outer Diameter of Gas Pipe(GREE Allocation)(Metric)      | mm     | φ16   |
| 153 |                             | Outer Diameter of Gas Pipe(British System Allocation)    | inch   | 5/8"  |
| 154 |                             | Max Distance Height                                      | m      | 10    |
| 155 |                             | Max Distance Height                                      | ft     | 32.8  |
| 156 |                             | Max Distance Length                                      | m      | 25    |
| 157 | Max Distance Length         | ft   | 82.0   |       |
| 158 | <b>Loading<br/>Quantity</b> | Loading Quantity ( 20' Container )                       | unit   | 54    |
| 159 |                             | Loading Quantity ( 40' Container )                       | unit   | 114   |
| 160 |                             | Loading Quantity ( 40' High Cube Container )             | unit   | 130   |
| 161 | <b>Cassette<br/>Panel</b>   | Panel Outline Dimension (W×H×D)                          | mm     | x x   |
| 162 |                             | Panel Outline Dimension (W×H×D)                          | inch   | x x   |
| 163 |                             | Panel Dimension of Carton Box(L×W×H)                     | mm     | x x   |
| 164 |                             | Panel Dimension of Carton Box(L×W×H)                     | inch   | x x   |
| 165 |                             | Panel Package Dimension(L×W×H)                           | mm     | x x   |
| 166 |                             | Panel Package Dimension(L×W×H)                           | inch   | x x   |
| 167 |                             | Panel Net Weight   | kg     |       |
| 168 |                             | Panel Net Weight   | lb     |       |
| 169 |                             | Panel Gross Weight                                       | kg     |       |
| 170 |                             | Panel Gross Weight                                       | lb     |       |

| Air Condition Function |                                     |  |                            |
|------------------------|-------------------------------------|--|----------------------------|
| 171                    | Function                            | Automatic Operation                          | YES                        |
| 172                    |                                     | Cooling                                      | YES                        |
| 173                    |                                     | Heating                                      | YES                        |
| 174                    |                                     | Dehumidify                                   | YES                        |
| 175                    |                                     | Fan  | YES                        |
| 176                    |                                     | Sleep Mode                                   | Three kinds of sleep curve |
| 177                    |                                     | Auto Swing(Vertical Auto Swing)              | YES                        |
| 178                    |                                     | Auto Swing(Horizontal Auto Swing)            | YES                        |
| 179                    |                                     | Auto Fan                                     | YES                        |
| 180                    |                                     | Quiet  | YES                        |
| 181                    |                                     | I Feel                                       | YES                        |
| 182                    |                                     | Anion  | NO                         |
| 183                    |                                     | Cold Plasma                                  | YES                        |
| 184                    |                                     | Intelligent Preheating                       | YES                        |
| 185                    |                                     | Fresh Air                                    | NO                         |
| 186                    |                                     | Dry Anti-Mildew Design                       | YES                        |
| 187                    |                                     | Several Optional Filters (eg: Active Carbon) | Optional                   |
| 188                    |                                     | Auto Clean                                   | NO                         |
| 189                    |                                     | Timer  | YES                        |
| 190                    |                                     | Auto Restart                                 | YES                        |
| 191                    |                                     | Turbo  | YES                        |
| 192                    |                                     | Clock  | YES                        |
| 193                    |                                     | Temperature                                  | YES                        |
| 194                    |                                     | Soft Start                                   | YES                        |
| 195                    |                                     | Self Diagnosis                               | YES                        |
| 196                    |                                     | Lock   | YES                        |
| 197                    |                                     | CO Detection                                 | NO                         |
| 198                    | CO <sub>2</sub> Detection           | NO   |                            |
| 199                    | Filter Dirty Alarm                  | NO   |                            |
| 200                    | Intelligent Open-Close Panel        | NO   |                            |
| 201                    | Compressor Electric Heater Function | YES  |                            |
| 202                    | Chassis Electric Heater Function    | YES  |                            |
| 203                    | Quick Connector                     | NO   |                            |
| 204                    | LCD (No Back Light)                 | NO   |                            |
| 205                    | LCD (Back Light)                    | YES  |                            |
| 206                    | LED                                 | YES  |                            |
| 207                    | Intelligent Defrosting              | YES  |                            |
| 208                    | Force Defrosting                    | YES  |                            |
| 209                    | Auxiliary Electrical Heater         | NO   |                            |
| 210                    | Energy Saving                       | YES  |                            |
| 211                    | 8°C Heating Mode                    | YES  |                            |
| 212                    | Turbo Cooling                       | YES  |                            |
| 213                    | High-Voltage Electrostatic Dedust   | NO   |                            |
| 214                    | Low Ambient Cooling                 | YES  |                            |
| 215                    | Low Ambient Heating                 | YES  |                            |
| 216                    | Low Voltage Startup                 | YES  |                            |
| 217                    | Standby                             | NO   |                            |