



## Technical Data

### Solar Off-Grid Inverter - GLF1K5LF

Revision no.

Page:

1

Receiver

From

Company name  
Respons. Department  
Person in charge  
Phone number  
Fax no  
E-mail address

**Brand: Gol Pumps****Model: GLF1K5LF****Net Weight (lb): 40**

#### PV Input

| PARAMETER                   | GLF1K5LF/24V-G20A |
|-----------------------------|-------------------|
| Max. PV Array Input Voltage | 150Vdc            |
| MPPT Voltage Range          | 35~145Vdc         |

#### Battery

| PARAMETER           | GLF1K5LF/24V-G20A |
|---------------------|-------------------|
| Rated Voltage       | 24Vdc             |
| Max. Charge Current | 40A               |
| Efficiency          | ≥96%              |

#### Inverter Output

| Model                           | GLF1K5LF/24V-G20A                                                                    |
|---------------------------------|--------------------------------------------------------------------------------------|
| Rated Output Capacitor          | 750VA(L-N)/1500VA(L-L)                                                               |
| Rated Output Power              | 600W(L-)/1200W(L-L)                                                                  |
| Output Voltage                  | 115Vac(L-N)/230Vac(L-L)                                                              |
| Rated Frequency                 | 60Hz (±3%)                                                                           |
| Max. Efficiency                 | ≥90%                                                                                 |
| Total Harmonic Distortion (THD) | <3%                                                                                  |
| Rated current                   | 7A                                                                                   |
| Current Peak Factor             | 3:1                                                                                  |
| Overload                        | 125%@rated power,70S;150%@rated power,20S; 200%@rated power,5S; 300%@rated power,0S; |

#### AC Input

| PARAMETER           | GLF1K5LF/24V-G20A |
|---------------------|-------------------|
| AC Input Voltage    | 230Vac (±15%)     |
| AC Input Frequency  | 60Hz (±3%)        |
| Max. Charge Current | 20A               |

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### Solar Pump Inverter - GLF1K5LF

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Page:

1

Receiver

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#### Grid Pass-by

| PARAMETER             | GLF1K5LF/24V-G20A     |
|-----------------------|-----------------------|
| Allowed Input Voltage | 115Vac±10%/230Vac±20% |
| Switching Time        | <100ms                |

#### Mechanical Data

| PARAMETER              | GLF1K5LF/24V-G20A |
|------------------------|-------------------|
| Dimension(W*D*H)(inch) | 19 × 14.37 × 9.25 |
| Weight                 | 40 LBs            |

#### Other

| PARAMETER        | GLF1K5LF/24V-G20A              |
|------------------|--------------------------------|
| Protection Level | IP22                           |
| Autible Noice    | <50dB                          |
| Cooling Method   | Forced cooling                 |
| Operate Temp.    | -20~+50°C                      |
| Storage Temp.    | -25~+70°C                      |
| Status indicator | LCD+LED                        |
| Interface        | RS485                          |
| Elevation        | 2000m( 2000m derating operate) |

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