



Technical Data

Solar Off-Grid Inverter - GLF5KLF

Revision no.

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Receiver

From

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

**Brand: Gol Pumps****Model: GLF5KLF****Weight (lb): 77****PV Input**

PARAMETER	GLF5KLF/48V-G20A
Max. PV Array Input Voltage	150Vdc
MPPT Voltage Range	65~145Vdc

Battery

PARAMETER	GLF5KLF/48V-G20A
Rated Voltage	48Vdc
Max. Charge Current	60A
Efficiency	≥97%

Inverter Output

Model	GLF5KLF/48V-G20A
Rated Output Capacitor	2500VA(L-N)/5000VA(L-L)
Rated Output Power	2000W(L-N)/4000W(L-L)
Output Voltage	115Vac(L-N)/230Vac(L-L)
Rated Frequency	60Hz (±3%)
Max. Efficiency	≥90%
Total Harmonic Distortion (THD)	<3%
Rated current	22.5A
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	GLF5KLF/48V-G20A
AC Input Voltage	230Vac (±15%)
AC Input Frequency	60Hz (±3%)
Max. Charge Current	20A

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Solar Pump Inverter - GLF5KLF

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Grid Pass-by

PARAMETER	GLF5KLF/48V-G20A
Allowed Input Voltage	115Vac±10%/230Vac±20%
Switching Time	<100ms

Mechanical Data

PARAMETER	GLF5KLF/48V-G20A
Dimension(W*D*H)(inch)	20 × 14.37 × 9.25
Weight	77 LBs

Other

PARAMETER	GLF5KLF/48V-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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