



GFS Power

Space Critical Power Solutions

1U 19"/23" Rack-mount Model
YK- PSW482KVAE Series
2KVA Pure Sine Wave Inverter
48VDC – 240VAC



FEATURES

- Slim line stand-alone Inverter
- 19" / 23" 1U Rack-mount model
- Pure Sine Wave output
- 48VDC input – 240VAC output
- 50 / 60Hz +/- 0.05 selectable
- Efficiency 87%
- Digital Display
- RS-232C Interface with selectable baud rate
- Integrated utility bypass
- Continuous output power
- Remote control (optional)

ENVIRONMENTAL

Operating Temperature Range: -20°C to +50°C
Storage Temperature Range: -30°C to 70°C

CERTIFICATION

- EN60950-1
- EN5022:1998/A1:2000/A2:2003
- EN55024:1998/A1:2001/A2:2003
- EN61000-3-2:2000/A2:2005
- EN61000-3-3:1995/A1:2001
- IEC61000-4-2:1995/A1:1998/A2:2000
- IEC61000-4-3:2002/A1:2002
- IEC61000-4-4:2004
- IEC61000-4-5:1995/A1:2000
- IEC61000-4-6:1996/A1:2001
- IEC61000-4-8:1993/A1:2000
- IEC61000-4-11:2004

PROTECTION

- Overload
- Short Circuit
- Reverse Polarity (Fuse)
- Over/Under Input Voltage
- Over Temperature

UTILITY BYPASS

Bypass time: 4 – 6 ms

ELECTRICAL SPECIFICATIONS

Input voltage:	48VDC
Input voltage range:	42-62VDC
No load current draw:	0.47A
Output Voltage Regulation:	200 / 220 / 230 / 240V RMS +/- 3%
Continuous Output Power:	1700W (2KVA)
Frequency:	50/60Hz +/- 0.05% Switch selectable
Peak Output Current:	11A
Output Waveform:	Pure Sine Wave <3% THD (R Load)
Efficiency (full load):	92%
Surge Rating:	1870W/1min 2040Watt/20sec

APPLICATION

Stand-alone

STATUS INDICATORS

Digital Display:

- OVP
- UVP
- OTP
- OLP
- VAC
- AMP
- WATT
- VDC
- TEMP
- Hz

INTERFACE CONTROL PORT

RS-232C with Baud Rate (Switch Selectable):

- 2400
- 4800
- 9600
- 19200

DIMENSIONS AND WEIGHT

Dimensions: 408.7(L) × 424.0(W) × 44.0(H) mm
Weight: 7.5kgs

Specifications are subject to change due to technical progress

GFS Power PO Box 724, Castle Hill, NSW 2154, Australia

Phone: 0407 899 538

Fax: 02 9899 5383

Email: sales@gfspower.com.au

Web: www.gfspower.com.au