

PWR 11 GOLD

POWER 11 GOLD FEATURES

1Phase Input / 1 Phase Output



- Independent from input voltage and frequency according to VFI-SS-111 Standard
- DSP Controlled IGBT Rectifier-IGBT Inverter
- Wide Input Voltage Range
- High Input Power Factor (>0,99)
- High Efficiency up to 94% at On-Line Mode
- High Efficiency up to 94% at Eco Mode
- Adjustable charge setting with software
- Pure Sine Wave Output, Low Harmonic Distortion
- Static And Manual Bypass
- Electromagnetic And RFI Protection
- 4x20 LCD Panel For Detailed Informations about battery, input, output, fault parameters
- Intelligent Battery Charge System extend the Life Time of Batteries
- Small Dimension, Modular Design, Rack Mount Capability, Flat or Tower Application
- Advanced Communication via RS-232 Serial Port, Smart Free Contact Relays Output, SNMP Support
- Smart Fan Speed Redulation For Silent Operation
- Special Input/Output Parameters (Optional)



PWR GOLD 11 (2-15kVA) 1Phase Input / 1 Phase Output

MODEL	PG-2	PG-3	PG-4	PG-6	PG-8	PG-10	PG-15
Power 11 GOLD BLUE-LINE	2200 VA	3000 VA	5000 VA	6000 VA	8000VA	10000VA	15000 VA
INPUT							
Nominal Voltage	280 V AC (1 PH+1 N), ADJUSTABLE						
Power Factor	> 0,99						
Voltage Tolerance (At Full Load)	160-280V						
Voltage Tolerance (75% Load)	140-280V						
Voltage Tolerance (50% Load)	110-280V						
Voltage Tolerance (25% Load)	80-280V						
Nominal Current	10A	14 A	22 A	27A	34 A	43A	65A
Frequency	50 Hz.±%12						
Protection	Current Limitation on the rectifier, Surge Voltage Protection of Input Voltage, Fast Fuses						
OUTPUT							
Power W	1980	2700	4500	5400	7200	8000	12000
Power Factor	0,9			0,9		0,8	0,8
Voltage	220 V AC (Single Phase)						
Voltage Tolerance	±%1						
Frequency	50 Hz or 60 Hz. (Adjustable)						
Frequency Tolerance	±%0,01						
Wave Form	Pure Sine Wave						
Transfer Time	0 ms						
Efficiency (At Full Load)	> %93						
THD (At Full Linear Load)	< %3						
THD (At Full non-linear Load)	< %5						
Crest Factor	3:1						
Overload Protection	Bypass at 150% Overload						
Short Circuit Protection	Improved Reliability With Artificial Intelligence Algorithms						
Communication Interface	RS232						
Free Cont. Relays Outputs (EN 60950)	Battery Low, Bypass, Output Fault, Input Voltage Fault, Overload (adjustable more)						
BATTERY							
Number of Batteries	8	8	16	16	16	16	24
Charging Voltage	110 VDC	110 VDC	220 VDC	220 VDC	220 VDC	220 VDC	220 VDC
Discharge Limit	84 VDC	84 VDC	168 VDC	168 VDC	168 VDC	168 VDC	168 VDC
Back-Up Time	5 - 960 Minutes				5 - 720 Minutes		
Battery Over Discharge Protection	Buzzer + Automatic Shutdown						
BATTERY CHARGER							
Built in Boosted Charger (adjustable)	20 A	20 A	20 A	20 A	25A	25A	25A
GENERAL							
Control Panel	Digital Liquid Crystal Display (4x20) With Touch-Pad						
Operating Temperature	0°C - 40°C						
Audible Noise at 1 meter	< 45 dBA	< 45 dBA	< 50 dBA	< 50 dBA	< 45 dBA	< 50 dBA	< 50 dBA
Protection Class	IP20						
Humidity	< 95%						
Net Weight Without Battery (kg)	26	26 kg	26,5 kg	27 kg	30 kg	32 kg	34 kg
Dimension Without Battery (WxDxH mm)	(440x590x216)	(440x590x216)	(440x590x216)	(440x700x216)	(440x590x216)	(440x590x216)	(440x700x216)
STANDARDS							
Marking	CE, GOST, TSE-HYB						
Safety	IEC EN 62040-1						
Test & Performance	IEC EN 62040-3						
Quality & Environment	ISO 9001:2008, ISO 14001:2004						