

## ON-Line UPS



**GAMATRON™**  
Our Power, Your Confidence



### Features and Benefits

- True On-Line Double conversion
- RS 232 communication function
- High input Power Factor
- High performance-price ratio
- Perfect protection function
- Low commercial Power input Voltage
- Wide Input Voltage Range
- Pure Sine-wave
- Emergency Power Off (EPO) Function
- User-friendly LCD Display
- Digital Control Technology (DCT)
- Variable Fan Speed
- Battery Over Charge & Deep Discharge Protection

### Technical Specifications

#### Input

Voltage [VAC]		
PGT 1000 - 1KVA	} 120-276 VAC	
PGT 2000 - 2KVA		
PGT 3000 - 3KVA		
PGT 6000 - 6KVA		
PGT 10000 - 10KVA		
Frequency: 50 Hz ± 5%		
Number of phase : Single phase 3 Wire		
Battery voltage VDC:		
PGT 1000 - 1KVA		: 36
PGT 2000 - 2KVA		: 96/72
PGT 3000 - 3KVA		: 96
PGT 6000 - 6KVA		: 120/192/240
PGT 10000 - 10KVA		: 192/240

#### Output

Voltage [VAC]: 220 / 230 ± 2%	
Frequency : 50 Hz ± 0.2%	
PGT 1000 - 1KVA	} 50 Hz ± 0.2%
PGT 2000 - 2KVA	
PGT 3000 - 2KVA	
PGT 6000 - 6KVA	} (Battery mode)
PGT 10000 - 6KVA	
Waveform: True sine wave THD < 3% (Linear Load)	
Transfer Time : 0 (Zero)	
Overload Capacity :	
105 -125% Load, Lasting 60 Seconds	
123 -150% Load, Lasting 300 milliseconds	
Power factor : 0.7 (Lag)	
Charging Current :	
Standard Model : 1A	
Long Backup : 5A	

#### Environmental

PGT 1000 - 1KVA	} <45 (dBA)
PGT 2000 - 2KVA	
PGT 3000 - 3KVA	
PGT 6000 - 6KVA	} <60 (dBA)
PGT 10000 - 10KVA	

#### Battery

Type :	
Sealed Lead Acid Maintenance Free	
Typical Backup Time :	
PGT 1000 - 1KVA	} - 15 mins(3 Cells)
PGT 2000 - 2KVA	
PGT 3000 - 3KVA	
PGT 6000 - 1KVA	
PGT 10000 - 10KVA	
Recharging Time:	
80-10 hours for 90% of Capacity	

#### Dimensions (WxDxH)

PGT 1000 - 1KVA	} 145x400x220mm
PGT 2000 - 2KVA	
PGT 3000 - 3KVA	} 192x460x340mm
PGT 6000 - 6KVA	
PGT 10000 - 10KVA	} 260x570x717mm

#### Protection to Load

Lightning and Surge  
Short Circuit and Overload  
Over voltage & Under voltage  
Transients, Spike, Sag, Blackout, Brownout  
Noise (RFI) as per international safety Practices

#### Communications Interface

Rs232, USB, SNMP (optional) adapter

#### Operation

**"Line"** : When commercial power is normal, light on, abnormal off.

**"INV"** : Inverter normal, light on, abnormal off.

**"Bypass"** : UPS in status of bypass supply, light on; in Status of Inversion, off

**"FAULT"** : UPS fault, light on; normal, off.

**"ON"** : When UPS is shutdown, press the button for 0.5 sec, UPS starts up, When UPS is running, Press the button for 0.5 sec, UPS will enter battery test model. When battery voltage reaches the low-voltage point or test time last 10 sec, UPS will stop the function.

**"OFF"** : when UPS is running, press the button for 0.5 sec, UPS will shut down.

**"SELECT"** : When UPS normal, LCD displays normal output voltage. If the button pressed, the background light on and the LCD display will show input voltage, input frequency, output power, UPS status etc. In addition, When in battery inversion model, press the button for 2 sec, the interval beep can be cancelled but warning audio in the status like battery low-voltage etc.