

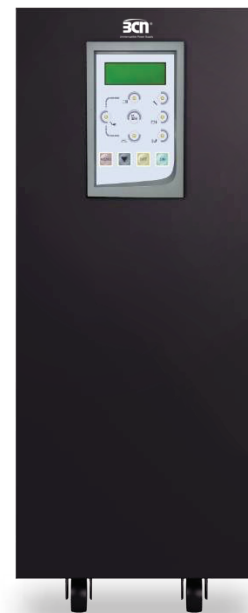
GP800



1kVA - 10kVA PF 0.9
True on-line UPS 1:1 phase
Industrial Design (Transformer based)

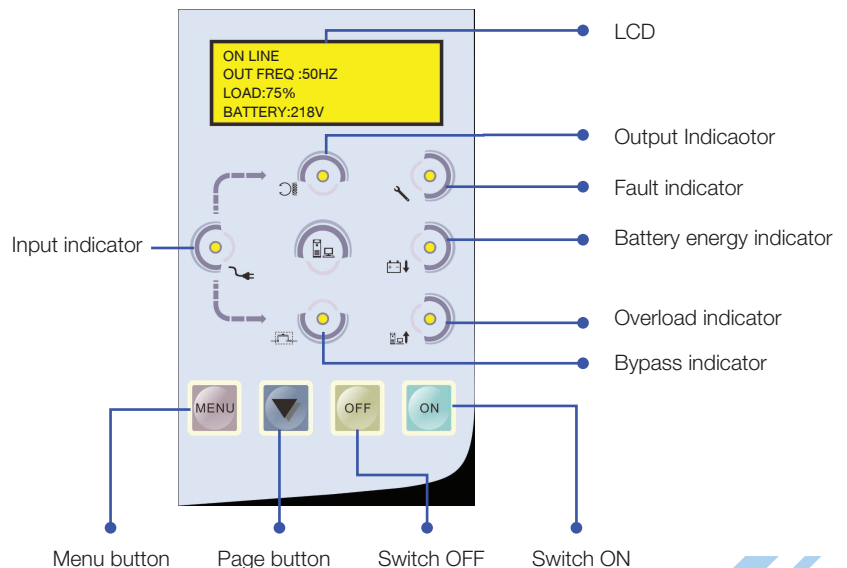
Highlights

- True on-line double conversion design providing all power protection
- Sine wave pulse width modulation
- IGBT inverter design
- Wide input voltage windows
- Pure sine wave output with less than 3% THD
- Expandable backup time, Backup time (Depend on User)
- Generator compatible
- Load/Battery power meter display
- Overload, on-line, battery status LED/LCD
- Advanced battery management
- Automatic charging in UPS off mode
- Zero transfer time on AC mode to/from battery mode, AC mode to/ from bypass mode
- Parallel capacity (option)
- Smart RS-232 communication port
- SNMP card internal (option)



TIS.1291 Part 1-2553
TIS.1291 Part 2-2553
TIS.1291 Part 3-2555

Display Panel



LOCAL AREA
NETWORK
(LAN)

SERVERS

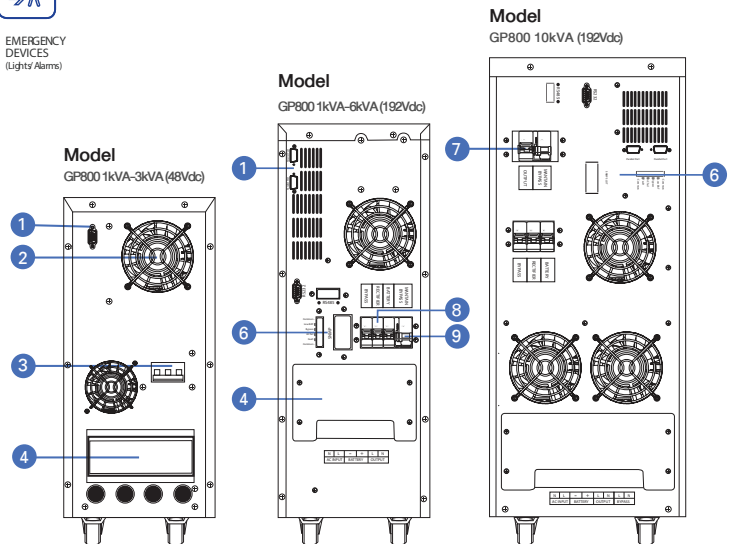
DATA
CENTRESTELECOM-
MUNICATIONS
DEVICESE-BUSINESS
(Servers Farms,
ISP/ASP/POP)INDUSTRIAL
PROCESSESINDUSTRIAL
PLCSELECTRO-
MEDICAL
DEVICESEMERGENCY
DEVICES
(Light/Alarms)

GP800

True on-line UPS 1:1 phase
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Rear panel view

- | | |
|-----------------------------|--|
| 1. RS232 Port | 6. SNMP/Dry Contact Port (Optional) |
| 2. Fan | 7. Output Breaker Switch (10kVA) |
| 3. Air Breaker | 8. Bypass/Rectifier/Battery Breaker |
| 4. Terminal Block | Switch (196Vdc model) |
| 5. Parallel Port (Optional) | 9. Maintenance Breaker Switch (2kVA-10kVA) |



Model		GP801	GP802	GP803	GP806	GP810
Capacity	VA	1000VA	2000VA	3000VA	6000VA	10KVA
	Watts	900W	1800W	2700W	5400W	9000W
Input	Voltage Range	220Vac ±25%				
	Frequency	50/60Hz ±6%				
	Phase	Single Phase + GND				
	Max Current	6A	10A	14A	34A	56A
Output	Voltage Range	220Vac ±1%				
	Frequency	50/60Hz ±0.5Hz				
	Phase	Single Phase + GND				
	THD	≤3% (linear load)				
	Power Factor	0.9				
	Short Circuit Protection	Limit current, automatic shutdown, fuse and there no fuse switch protection				
	Overload Capacity	When load reaches 110-150% of rating, transfer to bypass after 30s, recover auto				
Battery	Type	Sealed lead acid maintenance free				
	Voltage	192Vdc or 48Vdc (Option)		192Vdc		
	Charge Current	6A				
	Charge Time	90% capacity after 8~10 hours				
Alarm	Utility Disconnect	Buzzer beeps once every four seconds				
	Battery exhausted	Buzzer beeps once every one second				
	Overload	Load indicator light is solid on, buzzer continuously beep for long-time				
	UPS ab	Fault indicator light is solid on, buzzer continuously beep for long-time				
Panel Indication	LCD	Input voltage, output voltage, frequency, battery voltage, output power (%), temperature				
	LED	Low battery, online, inverter, bypass, abnormal				
Efficiency	Whole Unit	0.9				
Communication		RS-232: 1.Power status 2. UPS shutdown 3.monitor UPS status 4. UPS self test 5. auto-save				
Protection	Surge Protection	IEEE527B				
	Noise	FCC.A				
Audible Noise		<58dB (1m away from enclosure)				
Environment	Temperature	0~40℃				
	Humidity	20~90% non-condensing				
Hamornic Distortion		≤3% for 100% Linear load				
Transient Distortion		±4% for 100% Instaneous load variation				
Crest Ratio		4:1				
Efficiency		>85%				
Physical	Net Weight (without battery)	43kg (48Vdc) 46kg (192Vdc)	63kg	75kg	69kg	115kg
	Dimension WxDxH(mm)	230 x 550 x 490(48Vdc) 230 x 580 x 720(192Vdc)	230 x 580 x 720		305 x 585 x 864	409 x 798 x1044



TIS.1291 Part 1-2553
TIS.1291 Part 2-2553
TIS.1291 Part 3-2555

- All specifications subject to change without notice.
- Custom-made specifications are acceptable.
- Manufactured by factory with ISO 9001, ISO 14001, OHSAS 18001 STANDARD