Specifications GP33-20-200KVA Series

20-30Kva Appearance

Frontal panel

Door lock

Communications Ports:RS232 and RJ-45(optional)

Cooling slots

40-80Kva Appearance

Frontal panel

Door lock

Communications Ports:RS232 and RJ-45(optional)

Cooling slots

MODEL	GP33-20~30Kva	GP33-40~80Kva	GP33-100~120Kva	GP33-160~200Kva
UPS (WxDxH)	540x622x1125	664x865x1548	966x890x1748	1160x1043x1900
UPS weight (kg)	225/273	437/500/600	700/740	810/850
Temperature	0℃ ~ 40℃			
Relative humidity	0 ~ 95%, non condensing			
Noise	＜60db at 1.5m from surface of unit			
Altitude	1000m(height rises every 100m, power decreases 1%, maximum height is 4000m)			
Efficiency	ECO mode＞98%,Inverter＞92%,AC-AC＞91%			

＊Product specifications are subject to change without notice.

MODEL	GP33-20~30Kva	GP33-40~80Kva	GP33-100~120Kva	GP33-160~200Kva
Transference	0ms cutless			
Technology	True double-conversion online technology, conversion performed by IGBT			
INPUT				
Voltage	3x220/380 vac ± 25%			
Frequency	50Hz ± 15%			
Conductors	Three phrases+N+E			
OUTPUT				
Voltage (selectable)	3x220/380 vac ± 1% (More voltage can be selected)			
Frequency	50Hz ± 0.1%			
Waveform	Pure sine wave generated by high frequency PWM inverter			
Harmonic Distortion	＜2% Linear load/＜5%Nonlinear load			
Crest Factor	3:1			
Power factor	≥0.9			
Overload recuperation	Self-transference to UPS			
Voltage regulation	Load balance:±1%			
Overload capacity	125% for 12 minutes / 150% for one minute			
Conductors	Three phrases+N+E			
Battery				
Type	Maintenance – free sealed lead-acid battery			
Quantity	32pcs (29~32pcs adjustable)			
Voltage	Nominal 384V，Float 435V(Adjustable)			
Typical recharge time	4 ~ 8 hours, 90%			
Battery handly	Autotest. Transfer Point Adjustable battery and alarm setting			
Battery protection	Fuse protection, battery switch, temperature compensation, regular inspection, software protection, overvoltage tripping.			
Rectification	Software protection, input switch, over current protection, temperature protection			
Protection				
Hardware protections	Breaker for input, output, battery and bypass. Fast acting fuses in DC, fans,redundant power supplies, temperature sensors, on-o switch and audible alarms.			
Bypass	Static solid state, automatic and manual operation without interruption for maintenance. External Bypass (optional)			
Emergency switch	Remote and/or local EPO			
Supervisory control and communication				
Frontal panel	Interactive LCD display(Touchscreen)			
Alarms	Audible and visual alarm for abnormal conditions			
Communications	RS232, SNMP-RJ45, GPRS module for mobile network remote monitoring			

Abler

UNINTERRUPTIBLE
POWER SUPPLY

Online Low Frequency UPS

GP33-20-200KVA Series
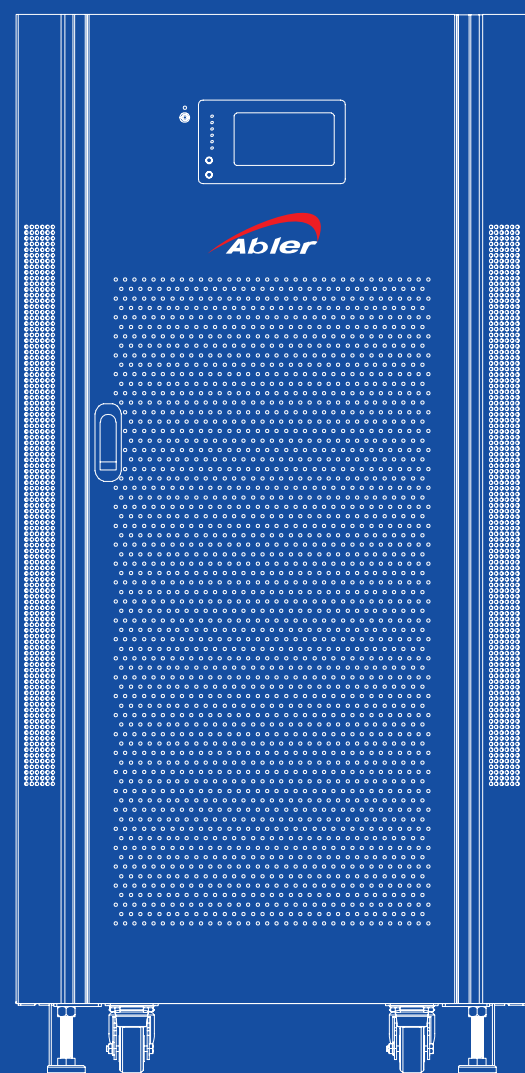
Application:

Its advanced battery charging system enables the UPS to supply a long backup time while the charging time is rather short, and its temperature compensation system can help to prolong the service life of the battery. Also, its circuit is simple, which reduces the number of components and makes the machine more compact and more reliable.

Its true double-conversion online technology provides pure and safe power supply to all appliances, communication equipment and important loads connected to the Internet, and the DSP technology responds quickly to different power supply problems, making sure its load will work uninterruptedly.

It is compatible to all kinds of loads and widely used in the fields of energy sources, transportation, office, medical equipment, engine-room, data center, toll station and so on.

| Energysources | Enterprise | Data center | Electronics | Scientific research | Engine-room |

Online Low Frequency UPS
GP33-20-200KVA Series

Function and Feature

Range from 20kva to 200kva

True double-conversion online technology

DSP 100% micro controlled

N+1 parallel redundant connection

High efficiency＞92%

Dual power supply (selectable)

Accept 100% unbalanced load

Cold start

Intelligent battery control

Compatible with generators

Powerful communication system
（RS232. SNMP. GPRS）
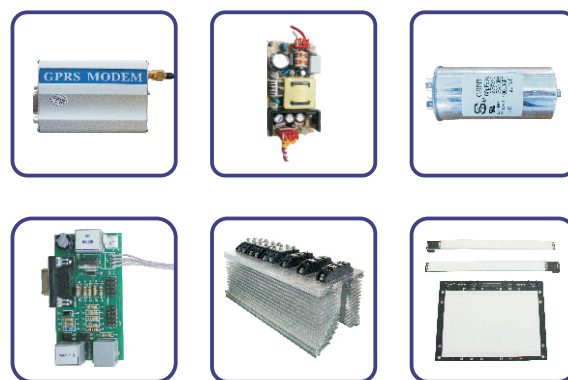
20−30Kva
Appearance

■ Advanced Communication Function

With the use of communication interface and monitoring software, you can monitor this UPS on your computer, which simplifies the management of power supply. You can also choose to buy a SNMP card, which is compatible to all kinds of operating system, and supports TCP/IP, SNMP, HTTP Protocol,so as to monitor the UPS through internet. Moreover, it will be easier to achieve central management even users are scattered in different places and it can also diagnose network and maintain the system remotely, realizing global management in a very real sense.

1. Software monitoring through RS232

There is a RS232 interface on the back panel of the UPS, which can be used to connected the UPS to a computer by a communication line so as to monitor the UPS. The distance between the UPS and its monitoring equipment is better to be less than 10 meters and better to use the USB cable which is called trendnet tu-s9. The hyper terminal in the computer will monitor the UPS and this software is already installed in "Window's" and "Window xp" system or you can download a newer edition from Internet.

The window of running this program is shown as the graph on the right :
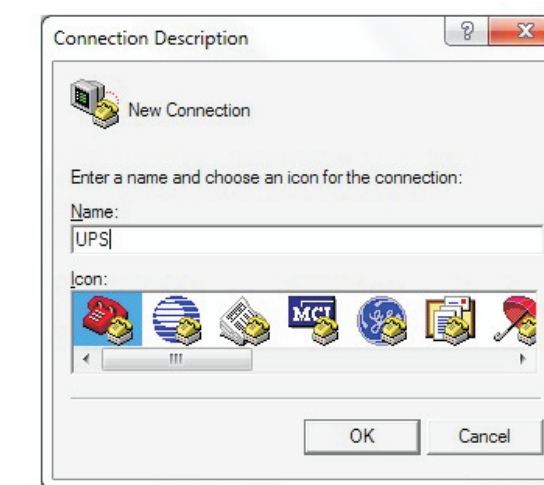
2. Monitoring through network adapter

With the use of network adapter, information can be exchanged through local area network or Internet, so a network adapter can monitor a UPS at a time or many UPS simultaneously, depending on user's wishes.

2.1 Thanks to http server, UPS will become a small server so any computer can do the monitoring job by entering the IP address of the UPS.

2.2 The other way is to use SNMP. Our company will provide a software that can drive SNMP (NetAgent Utlity) to monitor the UPS in real time.

3. Monitoring through GPRS

Specifications of the UPS can be monitored or set by exchanging information through MODEM GPRS. As long as users register information of the UPS on the Internet, he will be able to check information of the UPS on the website and he will also be able to schedule for the UPS as well. As a result, no matter what happen to the UPS, an email or a message will be sent to the user's mobile phone. This way can be very helpful in the area, which has no LAN, Internet or is far away.

◇ All the network information, operating process and software CD will be sent to the user along with the product.