

# GP33 Series

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## Specifications

MODEL	GP33-20~30KVA	GP33-40~80KVA	GP33-100~120KVA	GP33-160~200KVA
Transference	0 ms cutless			
Technology	True double-conversion online technology,conversion performed by IGBT			
<b>INPUT</b>				
Voltage	3 x 220 /380 Vac $\pm$ 25%			
Frequency	50Hz $\pm$ 15%			
Conductors	Three phases + N + E			
<b>OUTPUT</b>				
Voltage (selectable)	3 x 220 /380 Vac $\pm$ 1% (More voltage can be selected)			
Frequency	50Hz $\pm$ 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	$\geq$ 0.9			
Overload recuperation	Self-transference to UPS			
Voltage regulation	Load balance: $\pm$ 1%			
Overload capacity	125% for 12 minutes / 150% for 1 minute			
Conductors	Three phrases +N+E			
<b>BATTERY</b>				
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 handy	Autotest. Transfer point adjustable battery and alarm setting			
Battery protection	Fuse protection,battery switch,temperature compensation,regular inspection, software protection,over voltage tripping.			
Rectification	Software protection,input switch,over current protection,temperature protection			
<b>PROTECTION</b>				
Hardware protections	Breaker for input,output,battery and bypass,Fast acting fuses in DC,fans,redundant power supplies,temperature sensors,on-off 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			
<b>SUPERVISORY CONTROL AND COMMUNICATION</b>				
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			
UPS (Wx Dx H)mm	540*622*1125	664*865*1548	966*890*1748	1160*1043*1900
Battery case (Wx Dx H)mm	270*1125*774	432*1550*897	432*1550*897	432*1550*897
UPS weight (kg)	225/273	437/500/600	700/740	810/850
Battery case weight (kg)	59	105	105	105
Temperature	Temperature 0°C–40°C			
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.