

Genesis-A Series - Online UPS

Power range: 10 & 20 KVA



Hajir Sanat

Model			10 KVA		20 KVA	
Capacity			10kVA		20kVA	
			9kW		18kW	
Input	Phase		380/400/415Vac,(3Ph+N+PE) 220/230/240Vac,(L+N+PE)			
	Rated Voltage		380/400/415Vac 220/230/240Vac			
	Voltage Range		208~478Vac 120~276Vac			
	Frequency Range		40-70Hz			
	Bypass Voltage Range		Max. voltage: 220Vac: +25%(optional +10%,+15%,+20%) 230Vac: +20%(optional +10%,+15%) 240Vac: +15%(optional +10%) Min. voltage: -45% (optional -20%, -30%) Frequency protection range: ±10%			
	Generator Input		Support			
Output	Phase		220/230/240Vac,(L+N+PE)			
	Rated Voltage		220/230/240Vac			
	Power Factor		0.9			
	Voltage Regulation		±1%			
	Frequency	Utility Mode	±1%, ±2%, ±4%, ±5%, ±10% of the rated frequency(optional)			
		Battery Mode	(50/60±0.1%)Hz			
	Crest Factor		3:1			
	THD		≤2% with linear load ≤5% with non linear load			
Efficiency			Up to 93.5%			
Battery	Voltage		±96/108/120Vdc (16~20 pcs, 16 pcs define, Standard unit and 20 pcs no power derating; 18 pcs output power factor 0.8; 16 pcs output power factor 0.7)			
	Charge Current(A)		14A max.		18A max.	
			charge current can be set according to battery capacity installed			
Transfer Time			Utility to Battery : 0ms; Utility to bypass: 0ms			
Protection	Overload	AC Mode	Load≤110%: last 60min change to bypass, ≤125%: last 10min, change to bypass, ≤150%: last 1min change to bypass, >150% change to bypass immediately			
		Bat. Mode	Load≤110%: last 10min, ≤125%: last 1min, >125% shut down UPS immediately			
		Bypass Mode	Breaker 2x32A		Breaker 2x63A	

	Overheat	Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately	
	Battery Low	Alarm and Switch off	
	Self-diagnostics	Upon Power On and Software Control	
	EPO(optional)	Shut down UPS immediately	
	Battery	Advanced Battery Management	
	Noise Suppression	Complies with EN62040-2	
Alarms	Audible & Visual	Line Failure, Battery Low, Overload, System Fault	
Display	Status LED & LCD	Line Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault	
	Reading On the LCD	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage & Inner Temperature	
Communication Interface		USB, RS232, Parallel (optional), Intelligent slot, SNMP card (optional), Relay card (optional)	
Environment	Operating Temperature	0℃～40℃	
	Storage Temperature	-25℃～55℃	
	Humidity	0～95% non condensing	
	Altitude	< 1500m.When>1500m,lower the rated power for use	
Other	Dimensions (W×D×H)mm	220×531×450	
	Weight (Kg)	22	28
Safety Conformance		CE,EN/IEC 62040-2,EN/IEC 62040-1-1	

