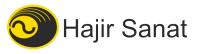
Genesis 2Plus Series - Online UPS





MODEL		1KVA i	1KVA	2KVA i	2KVA	3KVA i	3KVA			
PHASE				Single phase	with ground					
Capacity (VA/Watts)		1000VA / 900W		\2000VA 1800W		3000VA / 2700W				
INPUT										
Nominal volta	age			208/220/23	0/240VAC					
Operating voltage	Low line transfer	176Vac±5% @100%-50% load; 110Vac±5% @50%-0% load;								
range (Ambient Temp. <40℃)	High line transfer	264Vac±5% @100%-50% load; 300Vac±5% @50%-0% load;								
Operating frequency range		40-70Hz								
Power factor		0.98@100% load(Nominal Input Voltage)								
Bypass voltage range		Bypass high voltage point 230-264: setting the high voltage point in LCD from 230Vac to 264Vac. (Default: 264Vac) Bypass low voltage point 176-220: setting the low voltage point in LCD from 170Vac to 220Vac. (Default: 170Vac)								
Generator input		Support								
OUTPUT										
Output voltag	ge			208/220/23	30/240Vac					
Power factor	-	0.9								
Voltage regu	lation	$\pm 1\%$								
Frequency	Line Mode (synchroni zed range)	46-54Hz or 56-64Hz								
	Bat. Mode	(50/60±0.1)Hz								
Crest factor		3:1								
Harmonic distortion (THDv)		≤3% THDwith linear load ≤5% THD with non linear load								
Waveform		Pure Sinewave								
Transfer time	AC mode <->Batt. mode	Zero								
	Inverter <-> bypass									
Efficiency	Line mode Batt mode	88%		90% 85%		90%				
BATTERY	Batt mode									
Battery Type		12V9AH	depends on the capacity of external batteries	12V9AH	depends on the capacity of external batteries	12V9AH	depends on the capacity of external batteries			
Numbers		2	2	4	4	8	8			
Backup time		Long run unit depends on the capacity of external batteries								
Typical recharge time(standard modle)		4 hours recover to 90% capacity (Typical)								
Charging voltage		27.4 VDC ±1%	27.4 VDC ±1%	55 VDC ±1%	55 VDC ±1%	110 VDC ±1%	110V DC ±1%			

Charge current		1A	12A	1A	12A	1A	12A			
SYSTEM FEATURES										
Overload	Line Mode Battery Mode	105%~125%: UPS transfer to bypass after 1minute when the utility is normal 125%~130%: UPS transfer to bypass after 30 seconds when the utility is normal >130%: UPS transfer to bypass immediately when the utility is normal								
Short Circuit		Hold Whole System								
Overheat		Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately								
Low battery voltage		Alarm and Switch off								
EPO (optional)		Shut down UPS immediately								
Audible & Visual alarms		Line Failure, Battery Low, Overload, System Fault								
Comunication interface		USB(or RS232), SNMPcard(optional), Relay card (optional)								
ENVIRONME	NTAL	-								
Operating temperature		0℃~40℃								
Storage temperature		-25℃~55℃								
Humidity range		20-90 % RH @ 0- 40°C (non-condensing)								
Altitude		< 1500m								
Noise level		Less than 55dBA at 1 Meter								
PHYSICAL										
Dimension W (mm)	/×H×D	144* 209* 293	144* 209* 293	191* 337* 460						
Net Weight (k	g)	9.3	4.1	19.5	10	32.8	10			
STANDARDS	6									
Safety		IEC/EN62040-1,IEC/EN60950-1								
EMC		IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8								

* Derate to 80% of capacity when the output voltage is adjusted to 208VAC

** Derate to 75% of capacity when the Input voltage frequency out of range(50/60±4Hz)

*** Product specifications are subject to change without further notice.

