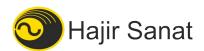
Genesis 2Plus RM Series - Online UPS



Power range: 1 KVA to 3 KVA

MODEL		1KVA i	1KVA	2KVA i	2KVA	3KVA i	3KVA			
PHASE		Single phase with ground								
Capacity (VA/Watts)		1000VA /900W 2000VA / 1800W 3000VA / 2700V								
INPUT										
Nominal voltage		208/220/230/240VAC								
Operating voltage	Low line transfer	176Vac±5% @100%-50% load; 110Vac±5% @50%-0% load;								
range (Ambient Temp. <40°C)	Low line	186Vac±5% @100%-50% load;								
	comeback	120Vac±5% @50%-0% load;;								
	High line transfer	264Vac±5% @100%-50% load; 300Vac±5% @50%-0% load;								
	High line comeback	254Vac±5% @100%-50% load; 290Vac±5% @50%-0% load;								
Operating frequency range**		40-70Hz								
Power factor		0.99@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 170-220: setting the low voltage point in LCD from 170Vac to 220Vac. (Default: 170Vac)								
Generator in	nut	Support								
OUTPUT	put			Сирр	OT C					
Output voltage	 ne*	208/220/230/240Vac								
Power factor		0.9								
Voltage regu		±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	4ms(Typical)								
	1 21	88%(AC mode) 90%(AC mode) 90%(AC mode)								
Efficie	ency	85%(DC	•	86%(DC	•	87%(DC mode)				
BATTERY										
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	6	6			
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%	54.7 VDC ±1%	54.7 VDC ±1%	82.1 VDC ±1%	82.1 VDC ±1%			

Charge current		1A	12A	1A	12A	1A	12A			
SYSTEM FEA	SYSTEM FEATURES									
Overload	Line 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×D×H (mm)		440*325* 86.5	440*325* 86.5	440*460*86.5	440*600*86.5					
Net Weight (kg)		11.3	5.6	19.5	6.8	26.2	11			
STANDARDS										
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								

 $^{^{\}star}$ Derate to 80% of capacity when the output voltage is adjusted to 208VAC

^{***} Product specifications are subject to change without further notice.



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