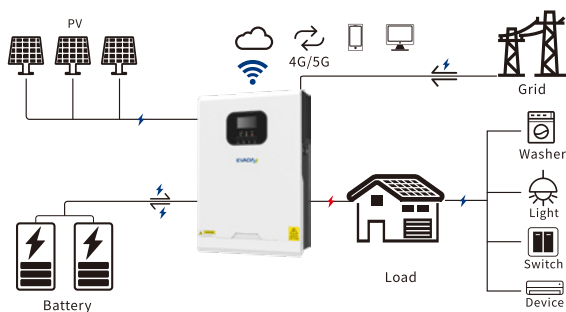




OFF GRID SOLAR INVERTER

G21-1.2K/3.6K/6.2K/8.2K/10.2K



HOME ENERGY STORAGE SYSTEM (OFF-GRID)



Model		G21-1.2K	G21-3.6K	G21-6.2K	G21-8.2K	G21-10.2K
Rated battery voltage		12VDC	24VDC	48VDC	48VDC	48VDC
Inverter output	Rated power	1200W	3600W	6200W	8200W	10200W
	Peak power	2400W	7200W	12400W	16400W	20400W
	Waveform	Pure Sine Wave				
	AC voltage (Battery mode)	(220vac~240vac)±5% 230vac (Default)				
	Inverter efficiency(Max)	93%			94%	
	Transfer time	10ms (UPS、VDE4105); 20ms(APL)				
	No load power consumption	<30W@ 12VDC	<30W@ 24VDC	<40W@ 48VDC	<75W@48VDC	
AC input	Voltage	230VAC				
	Selectable voltage range	170~280VAC (UPS) 90~280VAC (APL)				
	Frequency range	50Hz / 60Hz (Auto sensing)				
Battery	Battery voltage	12VDC	24VDC	48VDC		
	Floating charging voltage	13.5VDC	27VDC	54VDC		
	Overcharge protection voltage	14.6VDC	29.2VDC	58.4VDC		
Solar charger & AC charger	Solar charger type	MPPT				
	MPPT maximum PV array power	2000W	4000W	6000W	8000W	10000W
	MPPT output voltage range	60-400V	60-450V	60-450V	60-450V	
	Maximum PV array open circuit voltage	450V	500V	500V	500V	
	Maximum solar charge current	60A	80A	80A	150A	
	Maximum AC charge current	60A	80A	80A	120A	
	Maximum charge current	60A	80A	80A	150A	
Physical	Machine size(W*D*H) (mm)	261*99*354	309*109*334	309*109*440	390*138*500	
	Package size(W*D*H) (mm)	472*345*180	452*395*190	558*395*190	620*492*263	
	Net weight(kg)	5.7	8.3	9.6	18	
	Gross weight(kg)	6.7	9.3	10.6	19	
Environment	Humidity	5% to 95% Relative humidity (Non-condensing)				
	Operating temperature	0°C ~55°C				
	Storage temperature	-15°C ~60°C				

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