

# High frequency pure sine wave hybrid inverter & controller

## 300W-1500W



### Application:

1. Office facilities (Like :Computer ,Fax,Printer ,Scanner etc .)
2. Household appliance(Like Game player ,DVD,Sound ,Camera ,Fan,Light etc .)
3. Battery charger (Mobile phone ,Electric shaver,Digital camera ,etc .)

### Characteristic:

1. High efficiency ,Start rapidly .
2. Safe ,Protection against over load ;short circuit; Battery over charge/over discharge protection; Over temperature.
3. Good adaptability and stability.

### Specification :

Model		EAP-300	EAP-500	EAP-800	EAP-1000	EAP-1200	EAP-1500
Rated DC voltage (VDC)		12V	12V	12V	24V	24V	24V
Inverter output	Rated output power	300w	500w	800w	1000w	1200w	1500w
	Maximum output power	360w	600w	960W	1200w	1400w	1800W
	Peak power	600W	1000W	1600W	2000W	2400W	3000W
	Output voltage	220VAC±5%					
	Output frequency	50Hz± 1%					
Solar panel input	Maximum voltage (V)	21	21	21	42	42	42
	Rated power (Wp)	240	480	480	960	1200	1200
	Charge current (A)	20	40	40	40	50	50
	Control method	PWM					
Battery	Over charge protective voltage (V)	14.5	14.5	14.5	29	29	29
	Over charge recover voltage (V)	14	14	14	28	28	28
	Constant charge voltage (V)	13.6	13.6	13.6	27.2	27.2	27.2
	Over discharge alarm voltage (V)	11	11	11	22	22	22
DC	Rated voltage (V)	12	12	12	24	24	24

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loading	Rated current (A)	10	10	10	10	10	10
	Over discharge protection voltage (V)	11	11	11	12	12	12
	Overdischarge resuming voltage (V)	12.5	12.5	12.5	25	25	25
Others	Efficiency (Full load )	>87%					
	No-load current	<8W					
	Working Indication	LED Indication					
	Output wave	Pure sine wave					
	Protection	over load;short circuit; Battery over charge/over discharge protection; Over temperature					
	Working temperature	-10℃ ~ + 50℃					
	Storage temperature	-30℃ ~ + 70℃					
Type of cooling	Cooling fan						
Total harmonic distortion quantity	≤5%						
Dimension (MM)	225*151*70			360*196*78			
Package (MM)	280*175*101			420*220*140			
Net weight (KG)	1.3KG	2.2KG	3KG	3.2KG	3.5KG	3.7KG	
Gross weight(KG)	1.5KG	2.5KG	3.2KG	3.5KG	3.7KG	4KG	

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