## **Technical Parameters**

	HP/HP-T		AU10212	AU32224	AU50248	AU72248	
Rated Power			1000W	3200W	5000W	7200W	
Peak Power (20ms)			3000VA	9000VA	15KVA	21.6KVA	
Battery Voltage			12VDC	24VDC	48VDC	48VDC	
Product Size (L*W*Hmm)		411.5x283x88	476x350x118 538x388x118		538x388x118		
Package Size (L*W*Hmm)			459x345x147	502x40		561x454x167	
N.W (Kg)			7	11.5	11.8	16	
G.W (Kg)		8	12.5	12.8	17.5		
	ion Method		<u> </u>	Wall-M			
mstanat	Charging M	lode		MF			
	Rated PV input voltage		360VDC				
Inside MPPT	MPPT tracking voltage range		120V-450V				
Solar	Max PV Input Voltage(Voc)						
controller (Optional)	(At the lowest temperature)		500V				
	PV Array Maximum Power		1500W 4000W 4000W			4000W*2	
	MPPT tracking channels (input channels)		1 1 2				
Inside PWM	Charging Mode		PWM				
	Charging current		30A 60A/120A				
	PV Input Voltage Range		15-44V	30-44V	60	60-88V	
Solar controller	Max PV Input Voltage(Voc)		50	V	100V		
(Optional)	(At the lowest temperature)						
	PV Array Maximum Power		420W	1680W/3360W		V/6720W	
	PV input channels		1		1or 2		
	DC Input Voltage Range		10.5VDC-15VDC	21VDC-30VDC		C-60VDC	
Input	Rated AC input voltage			220VAC / 230VAC / 240VAC			
	AC Input Voltage Range		170VAC~280VAC (UPS mode) / 120VAC~280VAC (INV mode)				
	AC Input Frequency Range		45Hz~55Hz (50Hz), 55Hz~65Hz (60Hz)				
	Peak value of output efficiency (Battery/PV Mode)		94%(peak value)				
	Output Voltage(Battery/PV Mode)		220VAC±2% / 230VAC±2% / 240VAC±2%				
	Output Frequency(Battery/PV Mode)		50Hz±0.5 or 60Hz±0.5				
			Pure Sine Wave				
0	Output Wave(Battery/PV Mode)		Pure Sine Wave ≥99%				
Output	Efficiency(AC Mode)		299% Follow input				
	Output Voltage(AC Mode)		<u>'</u>				
	Output Frequency(AC Mode)		Followinput				
	Output waveform distortion (Battery/PV Mode)		≤3%(Linear load)				
	No load loss(Battery Mode)		≤1% rated power				
	No load loss(AC Mode)		≤1% rated power(charger does not work in AC mode)				
	VRLA Battery		Charge Voltage :13.8V; Float Voltage:13.7V(Single battery voltage)				
Battery	Battery Type	Customize battery	Charging and discharging parameters of different types of batteries can be customized according to user requirements (charging and discharging parameters of different types of batteries can be set through the operation panel)				
	(Mains or	n charging current PV or mains + PV) PT controller model)	40A	60A	50A	60A	
Battery	(Built-In IVIP						
Battery	Maximum	harging current	Mains40A+	Mains60A+	Mains50A+	Mains60A+	
Battery	Maximum ( (Built-in PV	harging current VM controller model)	Mains40A+ PWM controller charging current	PWM controller charging current	PWM controller charging current	PWM controller charging curr	
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Note: 1. The working mode of the built-in MPPT controller model supports PV priority/battery priority/mains priority, and the working mode of the built-in PWM controller model only supports battery priority/mains priority;

2. All specifications are subject to charge without prior notice.