



Inversor/Cargador con Regulador de Voltaje



inversor(⚡)r

DE ALTO DESEMPEÑO

PARA BRINDAR TIEMPO DE RESPALDO EXTENDIDO



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Sistema Inversor Avanzado

- Onda 100% senoidal
- Tiempo de transferencia menor a 6ms
- Regulador de voltaje incorporado
- Cargador inteligente de 4 etapas variable desde 25A hasta 120A
- Selector de batería para uso con GEL, AGM, Calcio, Litio y Abierta
- Ideal para protección de equipo médico, laboratorios, industria, banca y comercio
- Hasta 16 horas de respaldo eléctrico
- Arranque automático de generador diésel o gasolina
- MPPT opcional para controlador de carga a través de paneles fotovoltaicos
- Eficiencia superior al 90%
- Controlado por microprocesador

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Electrical Specifications					
	Model	XW6048	XW8048	XW10048	XW12048
Inverter Output	Continuous Output Power	6000W	8000W	10000W	12000W
	Surge Rating(20s)	18000W	24000W	30000W	36000W
	Capable of Starting Motor	6HP	8HP	10HP	12HP
	Output Waveform	Pure Sine wave/Same as input(Bypass mode)			
	Nominal Efficiency	>90%(Peak)			
	Line Mode Efficiency	>95%			
	Power Factor	0.9-1.0			
	Nominal Output Voltage RMS	100-110-120Vac / 220-230-240Vac			
	Output Voltage Regulation	±10% RMS			
	Output Frequency	50/60Hz ± 0.3Hz			
	Short Circuit Protection	Yes, Current Limit Function (Fault after 1sec)			
	Typical transfer Time	10ms(Max)			
	THD	Typically <7%, Max 10% under full linear load			
	DC Input	Nominal Input Voltage	48Vdc)		
Minimum Start Voltage		40.0Vdc			
Low Battery Alarm		42Vdc / 44.0Vdc			
Low Battery Trip		40Vdc / 42Vdc			
High Voltage Alarm & Fault		54.0Vdc			
High DC Input Recovery		62Vdc			
Low Battery Voltage Recover		52Vdc			
Idle Consumption-Search Mode		< 25 W when Power Saver On			
AC Charge	Input Voltage Range	Narrow: 100-135VAC / 194-243VAC; Wide: 90-135VAC / 164-243VAC;			
	Input Frequency Range	Narrow: 47-55±0.3Hz for 50Hz, 57-65±0.3Hz for 60Hz Wide:43±0.3Hz plus for 50Hz/60Hz			
	Output Voltage	Depends on battery type			
	Charger Breaker Rating(230Vac)	30A	40A	50A	60A
	Charger Breaker Rating(120Vac)	63A	N/A	N/A	N/A
	Max Charge Rate	15A to 120A +/-5A , depending on models'			
	Over Charge Protection Shutdown	15.7V for 12Vdc (*2 for 24Vdc, *4 for 48Vdc)			
	Battery type	Fast Vdc		Float Vdc	
	Gel U.S.A	14		13.7	
	A.G.M 1	14.1		13.4	
	A.G.M 2	14.6		13.7	
	Sealed Lead Acid	14.4		13.6	
	Gel Euro	14.4		13.8	
	Open Lead Acid	14.8		13.3	
Calcium	15.1		13.6		
De-sulphation	15.5 for 4hrs				
Remote Control	Yes. Optional				
Bypass & Protection	Input Voltage Waveform	Sine wave (Grid or Generator)			
	Nominal Voltage	120Vac		230Vac	
	Low Voltage Trip	80V/90V±4%		184V/154V±4%	
	Low Voltage re engage	90V/100V±4%		194V/164V±4%	
	High Voltage Trip	140V±4%		253V±4%	
	High Voltage re engage	135V±4%		243V±4%	
	Max Input AC Voltage	150VAC		270VAC	
	Nominal Input Frequency	50Hz or 60Hz (Auto detect)			
	Low Freq Trip	Narrow: 47±0.3Hz for 50Hz, 57±0.3Hz for 60Hz Wide:40±0.3Hz for 50Hz/60Hz			
	Low Freq re engage	Narrow: 48±0.3Hz for 50Hz, 58±0.3Hz for 60Hz Wide:45±0.3Hz for 50Hz/60Hz			
	High Freq Trip	Narrow: 55±0.3Hz for 50Hz, 65±0.3Hz for 60Hz Wide: No up limit for 50Hz/60Hz			
	High Freq re engage	Narrow: 54±0.3Hz for 50Hz, 64±0.3Hz for 60Hz Wide: No up limit for 50Hz/60Hz			
	Output Short circuit protection	Circuit breaker			
	Bypass breaker rating(230Vac)	40A	60A	80A	80A
Bypass breaker rating(120Vac)	80A	N/A	N/A	N/A	
Mechanical Specification	Mounting				
	Inverter Dimensions(L*W*H)	588*415*200mm			
	Inverter Weight	42KG	60KG	68KG	73KG
	Shipping Dimensions(L*W*H)	760*540*410mm			
	Shipping Weight	52KG	71KG	79KG	84KG
	Display				
Standard Warranty					

Soluciones diseñadas para hogar o empresa.

