



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

# Inversor/Cargador con Regulador de Voltaje

Electrical Specifications				
	Model	XW6048		
Inverter Output	Continuous Output Power	6000W		
	Surge Rating(20s)	18000W		
	Capable of Starting Electric Motor	6HP		
	Output Waveform	Pure Sine wave/Same as input(Bypass mode)		
	Peak Efficiency	88%		
	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	< 10%		
DC Input	Nominal Input Voltage	12.0Vdc (* 2 for 24Vdc, *4 for 48Vdc)		
	Minimum Start Voltage	10.0Vdc		
	Low Battery Alarm	10.5Vdc / 11.0Vdc		
	Low Battery Trip	10.0Vdc / 10.5Vdc		
	High Voltage Alarm & Fault	16.0Vdc		
	High DC Input Recovery	15.5Vdc		
	Low Battery voltage recover	13.0Vdc		
	Sleep Mode Threshold	> 25 W when Power Saver On		
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		
	Charger Breaker Rating(120Vac)	N/A		
	Max Charge Rate	See specific charge rates in "AC Charger" section		
	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		
	Bypass breaker rating (120Vac)	N/A		
	Mechanical Specification	Mounting	Wall/Ground mount	
		Inverter Dimensions(L*W*H)	598*218*179mm 23.5*8.5*7"	
Inverter Weight		45KG 99.21 lbs		
Shipping Dimensions(L*W*H)		800*360*350mm 30.5*14.25*13.75"		
Shipping Weight		47KG 103.61 lbs		
Display		Status LEDs		
Standard Warranty		1 Year		



Soluciones diseñadas para hogar o empresa.

