



Inversor/Cargador con Regulador de Voltaje



invers(⚡)r

DE ALTO DESEMPEÑO

PARA BRINDAR TIEMPO DE RESPALDO EXTENDIDO



invers(⚡)r

DE ALTO DESEMPEÑO
PARA BRINDAR TIEMPO DE RESPALDO EXTENDIDO



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	XW1012AVR	XW1524AVR	XW3024AVR	XW3048AVR	XW4048
Inverter Output	Continuous Output Power	1000W	1500W	2000W	3000W	4000W
	Surge Rating(20s)	3000W	4500W	6000W	9000W	12000W
	Output Waveform	Pure Sine wave / Same as input (Bypass mode)				
	Nominal Efficiency	>88% (Peak)				
	Line Mode Efficiency	>95%				
	Power Factor	0.9-1.0				
	Nominal Output Voltage rms	100-110-120 Vac / 220-230-240 Vac				
	Output Voltage Regulation	±10% RMS				
	Output Frequency	50Hz ± 0.3Hz / 60Hz ± 0.3Hz				
	Short Circuit Protection	Yes (10s after fault)				
	Typical transfer Time	10ms (Max)				
THD	< 10%					
DC Input	Nominal Input Voltage	12V	24V	24V	48V	48V
	Minimum Start Voltage	10.0V	20.0V	20.0V	40.0V	40.0V
	Low Battery Alarm	10.5V / 11.0V	21V/22V	21V/22V	42V/44V	42V/44V
	Low Battery Trip	10.0V / 10.5V	20V/21V	20V/21V	40V/42V	40V/42V
	High Voltage Alarm	16.0V	32.0V	32.0V	64.0V	64.0V
	Low Battery voltage recover	15.5V	31.0V	31.0V	62.0V	62.0V
	Idle Consumption-Search Mode	< 25 W when Power Saver On				
Charger	Output Voltage	Depends on battery type				
	Charger Breaker Rating	10A	15A	20A	20A	30A
	Max Charge Rate	35A / 70A				
	Battery Initial Voltage for Start Up	10-15.7V	20-31.4V	20-31.4V	40-62.8V	40-62.8V
	Over Charge Protection Shutdown	15.7V	31.4V	31.4V	62.8V	62.8V
	"Charger curve(4 stage constant current) 4 step digital controlled progressive charge"	Battery types (*2 for 24Vdc, *4 for 48Vdc)				
	Remote Control	Yes. Optional				
Bypass & Protection	Input Voltage Waveform	Sine wave (Grid or Generator)				
	Nominal Voltage	110Vac	120Vac			120Vac
	Max Input AC Voltage	150VAC				
	Nominal Input Frequency	50Hz or 60Hz (Auto detect)				
	Low Freq Trip	47±0.3Hz for 50Hz, 57±0.3Hz for 60Hz				
	High Freq Trip	55±0.3Hz for 50Hz, 65±0.3Hz for 60Hz				
	Overload protection(SMPS load)	Circuit breaker				
	Output Short circuit protection	Circuit breaker				
	Bypass breaker rating	10A	15A	20A	30A	30A
	Transfer switch rating	30amp for UL & TUV				40amp for UL
	Bypass without battery connected	YES				
Max bypass current	30amp				40amp	
Bypass over load current	35amp: Alarm				45amp: Alarm	
AVR Function	Input AC Voltage Range	90-140V±4%				90-140V±4%
	Stabilized Output Voltage rms	120VAC±10% rms				120VAC±10% rms
	Nominal Voltage	110Vac			120Vac	120Vac
	(A) Line Low loss N/W (On Battery)	84/72			92/78	92/78
	(B) Line Low comeback N/W (On Boost)	89/77			97/83	97/83
	(C) Line 2nd boost threshold (On Boost)	**			**	**
	(D) Line 2nd boost comeback (On Boost)	**			**	**
	(E) Line 1st boost threshold (On Boost)	99			108	108
	(F) Line 1st boost comeback (On Normal)	103			112	112
	(G) Line buck comeback (On Normal)	118			128	128
	(H) Line buck threshold (On Buck)	121			132	132
(I) Line high comeback (On Buck)	127			139	139	
(J) Line high loss (On Battery)	132			144	144	
Mechanical Specifications	Mounting	Wall mount				
	Inverter Dimensions(L*W*H)	382*218*179mm			442*218*179mm	598*218*179mm
	Inverter Weight	18KG			20KG	24KG
	Shipping Dimensions(L*W*H)	520*315*300mm			580*315*300mm	740*315*300mm
	Shipping Weight	20KG			22KG	26KG
	Display	Status LEDs / Status LEDs+LCD				
Standard Warranty	1 Year					

Soluciones diseñadas para hogar o empresa.

