

The all new Hollandia Power Hybrid Inverter available in Pure Sinewave Technology. Includes many high-tech features and is a true market leader in today's Inverter market. Power your home appliances with Hollandia Power Technology.

FEATURES

- Automatic three-stage battery Charger
- Configure charger source priority
- Inbuilt pure copper transformer
- Configurable AC/Solar Input priority via LCD setting
- RS232 with free CD(option)
- Battery priority function(option)
- Remote control(option)
- Charge current adjustable(option)
- Optional build in MPPT solar charge controller 60A or 120A



LCD DISPLAY INFORMATION



SOLAR SYSTEM CONNECTION



SPECIFICATIONS

MODEL		HPIC-1KW		HPIC-1.5KW		HPIC-2KW		HPIC-3KW		HPIC-4K		HPIC-5K		HPIC-6K		HPIC-8K		HPIC-10K		HPIC-12K	
NOMINAL BATTERY SYSTEM VOLTAGE		12V	24V	12V	24V	12V	24V	12V	24V	24V	48V	24V	48V	24V	48V	48VDC		48VDC		48VDC	
INVERTER OUTPUT	Rated Power	1KW		1.5KW		2KW		3KW		4KW		5KW		6KW		8.0KW		10.0KW		12.0KW	
	Surge Rating (20MS)	3KW		4.5KW		6KW		9KW		12KW		15.0KW		18.0KW		24.0KW		30.0KW		36.0KW	
	Capable of Starting Electric Motor	1HP		1HP		1HP		2HP		2HP		2HP		3HP		4HP		5HP		6HP	
	Waveform	Pure sine wave/ same as input (bypass mode)										Pure sine wave/ same as input (bypass mode)									
	Nominal Output Voltage RMS	100V/110V/120VAC 220V/230V/240VAC(+/-10% RMS)										220V/230V/240VAC(+/-10% RMS)									
	Output Frequency	50Hz/60Hz +/-0.3 Hz										50Hz/60Hz +/-0.3 Hz									
	Inverter Efficiency (Peak)	>88%										>85%					>88%				
	Line Mode Efficiency	>95%										>95%									
	Power Factor	0.8										0.8									
	Typical Transfer Time	10ms(max)										10ms(max)									
AC INPUT	Voltage	230VAC										230VAC									
	Selectable Voltage Range	96~132VAC 155~280VAC(For Personal Computers)										154~272VAC(For Personal Computers)									
	Frequency Range	50Hz/60Hz (Auto sensing) 40-80Hz										50Hz/60Hz (Auto sensing)									
BATTERY	Minimum Start Voltage	10.0VDC /10.5VDC for12VDC mode (*2 for 24VDC,)										20.0VDC/21.0VDC for24VDC mode (40.0VDC/42.0VDC for 48VDC mode)									
	Low Battery Alarm	10.5VDC +/-0.3V for12VDC mode (*2 for 24VDC,)										21.0VDC+/-0.3V for 24VDC mode (42.0VDC+/-0.6V for 48VDC mode)									
	Low Battery Cutoff	10.0VDC +/-0.3V for12VDC mode (*2 for 24VDC,)										20.0VDC+/-0.3V for 24VDC mode (40.0VDC+/-0.6V for 48VDC mode)									
	High Voltage Alarm	16.0VDC +/-0.3V for12VDC mode (*2 for 24VDC,)										32.0VDC+/-0.3V for 24VDC mode (64.0VDC+/-0.6V for 48VDC mode)									
	High Battery Voltage Recover	15.5VDC +/-0.3V for12VDC mode (*2 for 24VDC,)										31.0VDC+/-0.3V for 24VDC mode (62.0VDC+/-0.6V for 48VDC mode)									
	Idle Consumption-Search Mode	<25W when power saver on										<25W when power saver on					<25W when power saver on				
	AC CHARGER	Output Voltage	Depends on battery type										Depends on battery type								
Charger AC Input Breaker Rating		10A		30A		30A		30A		30A		30A		30A		40A		50A		63A	
Overcharge Protection S.D.		15.7VDC for 12VDC mode (*2 for 24VDC,)										31.4VDC for 24VDC mode (62.8VDC for 48VDC mode)									
Maximum Charge Current		35A	20A	45A	25A	65A	35A	75A	45A	65A	40A	65A	35A	65A	40A	70A	80A	100A			
BYPASS & PROTECTION	Input Voltage Waveform	Sine wave (grid or generator)										Sine wave (grid or generator)									
	Nominal Input Frequency	50Hz or 60Hz										50Hz or 60Hz									
	Overload Protection (SMPS Load)	Circuit breaker										Circuit breaker									
	Output Short Circuit Protection	Circuit breaker										Circuit breaker									
	Bypass Breaker Rating	10A		15A		30A		30A		40A		80A		80A		80A					
	Max Bypass Current	30Amp										40Amp					80Amp				
	SOLAR CHARGER	Maximum PV Charge Current	40A										60A					60A(120A Optional)			
DC Voltage		12V/24V atuo work										24V/48V atuo work					48V				
Maximum PV Array Power		600W	1200W	600W	1200W	600W	1200W	600W	1200W	1600W	3200W	1600W	3200W	1600W	3200W	3200W(6400W for 120A Optional)					
MPPT Range @Operating Voltage(VDC)		16~100VDC										32-145VDC for 24V mode, 64-147V for 48V mode					64~147VDC				
Maximum PV Array Open Circuit Voltage		100VDC										147VDC									
Maximum Efficiency		>90%										>98%									
Standby Power Consumption		<2W																			
OTHER	Operation Temperature Range	0°C to 40°C																			
	Storage Temperature	-15°C to 60°C																			
	Audible Noise	60dB MAX																			
	Display	LED+LCD																			

*Product specifications are subject to change without prior notice.