

Model		HI-351	HI-501	HI-601	HI-801	HI-102	HI-122	
Rated Power		350W	500W	600W	800W	1KW	1.2KW	
Peak Power		1050W	1500W	1800W	2400W	3KW	3.6KW	
Nominal battery voltage		12VDC				12VDC/24VDC		
Input	DC input range	10.5-15VDC (12V) / 21-30VDC (24V)						
	AC Mains input range	(220/230/240VAC) 140-275VAC						
	AC input frequency	50Hz: 45-65Hz / 60Hz: 55-65Hz (50Hz/60Hz automatic recognition)						
Protection	Low battery alarm	≤10.5VDC (12V) / ≤21VDC (24V)alarm						
	Low battery	≤10VDC (12V) / ≤20VDC (24V) automatic shutdown						
	High battery alarm	≥15VDC (12V) / ≥30VDC (24V) alarm						
	High battery	≥17VDC (12V) / ≥34VDC (24V) automatic shutdown						
	Over load protection	110% more than rated capacity, automatic shutdown						
	High temperature	Built-in temperature real time sensor, ≥85°C alarm, ≥90°C automatic shutdown						
	Short circuit	Automatic shutdown						
Output	Transfer efficiency	≥87%						
	Output voltage	(DC battery mode) 220/230/240VAC±2%						
	Output frequency	(DC battery mode) 60/50Hz±1%						
	Output wave form	Pure sine wave						
	Output voltage	(AC mains mode) stable 220/230/240VAC±10% output (built-in AVR stablizer)						
	AVR output stablizer	AC mains <140VAC±5% swtich to DC battery mode, AC mains >150VAC ±5% return to AC mains mode; AC mains >275VAC±5% swtich to DC battery mode, AC mains <255VAC ±5% return to AC mains mode; The above is for output 220V system reference, 230V/240V output just multiply by percentage						
	Output frequency	(AC mains mode) automatic tracing from AC input						
Other	Transfer time	Bult- in AC bypass replay (≤8ms)						
	Display	LCD Display with function buttons						
	Cooling system	Intelligent cooling fan control system ≤42°C slow fan, ≥45°C fast fan						
AC Charger	AC charging Voltage	13.6-14.2VDC(12V)/27.2-28.4VDC(24V)						
	AC charging current	Steady 15A						
	AC over charge	Battery ≥16V (12V) ≥32V (24V), stop charging after 60s alarm						
Working mode (Optional)	01	AC mains priority Always use AC mains as priority input to provide AC output and automatically charge the battery, only stops charging when battery is fully charged, and only starts DC to AC converting untill AC mains is off						
		02	Energy saving Loading≤10% automatic shutdown, loading≥11%-100% automatic turn on					
	03		DC battery priority Always use DC battery as priority input to provide AC output, for 12V system, when battery≥13V, starts DC to AC converting; when battery≤10.5V during converting, switch to AC mains mode to provide AC output and automatically start charging the battery (for 24V system, multiply by 2 accordingly)					
		Communication		RS-232/USB/SNMP(additional option)				
	Environment	Temperature	-20~+75°C					
		Humidity	< 95%					
Appearance	Product size (mm)	280*275*120mm						
	Packing size (mm)	345*315*187mm						
	Net Weight (kg)	7.5kg	8.1kg	8.3kg	9.0kg	9.2kg	9.5kg	
	Gross Weight (kg)	8.0kg	8.6kg	8.8kg	9.5kg	9.7kg	10.0kg	

*Product specifications are subject to change without further notice