

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	$\leq 10.5VDC$ (12V) / $\leq 21VDC$ (24V) alarm					
	Low battery protection	$\leq 10VDC$ (12V) / $\leq 20VDC$ (24V) automatic shutdown					
	High battery alarm	$\geq 15VDC$ (12V) / $\geq 30VDC$ (24V) alarm					
	High battery protection	$\geq 17VDC$ (12V) / $\geq 34VDC$ (24V) automatic shutdown					
	Over load protection	110% more than rated capacity, automatic shutdown					
	High temperature	Built-in temperature real time sensor, $\geq 85^{\circ}C$ alarm, $\geq 90^{\circ}C$ automatic shutdown					
	Short circuit protection	Automatic shutdown					
Output	Transfer efficiency	$\geq 87\%$					
	Output voltage	(DC battery mode) 220/230/240VAC $\pm 2\%$					
	Output frequency	(DC battery mode) 60/50Hz $\pm 1\%$					
	Output wave form	Pure sine wave					
	Output voltage	(AC mains mode) stable 220/230/240VAC $\pm 10\%$ output (built-in AVR stablizer)					
	AVR output stablizer	AC mains $<140VAC\pm 5\%$ swtich to DC battery mode, AC mains $>150VAC \pm 5\%$ return to AC mains mode; AC mains $>275VAC\pm 5\%$ swtich to DC battery mode, AC mains $<255VAC \pm 5\%$ 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 ($\leq 8ms$)					
	Display	LCD Display with function buttons					
	Cooling system	Intelligent cooling fan control system $\leq 42^{\circ}C$ slow fan, $\geq 45^{\circ}C$ 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 protection	Battery $\geq 16V$ (12V) $\geq 32V$ (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					
		DC battery priority Loading $\leq 10\%$ automatic shutdown, loading $\geq 11\%$ -100% automatic turn on					
	03	DC battery priority Always use DC battery as priority input to provide AC output, for 12V system, when battery $\geq 13V$, starts DC to AC converting; when battery $\leq 10.5V$ 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	$-20\sim +75^{\circ}C$					
	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							