

Model	LI-351	LI-501	LI-601	LI-102	LI-122	LI-152	LI-202	LI-302	LI-502	LI-702	LI-103	LI-153	LI-203	LI-303			
Rated Power	350W	500W	600W	1KW	1.2KW	1.5KW	2KW	3KW	5KW	7KW	10KW	15KW	20KW	30KW			
Peak Power	1050W	1500W	1800W	3KW	3.6KW	3.0KW	6KW	9KW	15KW	21KW	30KW	45KW	60KW	90KW			
Nominal battery voltage	12VDC			12VDC/24VDC			24VDC/48VDC		48VDC	96VDC			192VDC		240VDC		
Input	DC input range	10.5-15VDC (12V) / 21-30VDC (24V) / 42-60VDC (48V) / 84-120VDC (96V) / 168-240VDC (192V)/210-300VDC (240V)															
	AC Mains input range	(220/230/240VAC) 140-275VAC										170-250VAC					
	AC input frequency	50Hz: 45-65Hz / 60Hz: 55-65Hz (50Hz/60Hz automatic recognition)															
Protection	Low battery alarm	≤10.5VDC (12V) / ≤21VDC (24V) / ≤42VDC (48V) / ≤84VDC (96V) / ≤168VDC (192V)/ ≤210VDC (240V)alarm															
	Low battery protection	≤10VDC (12V) / ≤20VDC (24V) / ≤40VDC (48V) / ≤80VDC (96V) / ≤160VDC (192V) /≤200VDC (240V) automatic shutdown															
	High battery alarm	≥15VDC (12V) / ≥30VDC (24V) / ≥60VDC (48V) / ≥120VDC (96V) / ≥240VDC (192V)/ ≥300VDC (240V) alarm															
	High battery protection	≥17VDC (12V) / ≥34VDC (24V) / ≥68VDC (48V) / ≥136VDC (96V) / ≥272VDC (192V)/ ≥340VDC (240V) 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 protection	Automatic shutdown															
Output	Transfer efficiency	≥85%															
	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 stabilizer)															
	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 (≤10ms)															
	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)/54.4-56.8VDC(48V)/108.8-113.6VDC(96V)/217.6-227.2VDC(192V)/272-284VDC(240V)															
	AC charging current	Steady 15A															
	AC over charge protection	Battery ≥16V (12V) ≥32V (24V) ≥64V (48V) ≥128V (96V) ≥256V (192V) ≥320V (240V), 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/48V/96V/192V/240V system, multiply by 2/4/8/16/32 accordingly)															
Communication		RS-232/USB/SNMP(additional option)															
Environment	Temperature	-20~+75°C															
	Humidity	< 95%															
Appearance	Product size (mm)	285*255*120mm					300*180*300mm	410*225*410mm			465*270*525			540*300*660mm		670*330*720mm	
	Packing size (mm)	345*315*187mm					380*250*350mm	505*320*500mm			620*375*570			630*400*740mm		760*430*800mm	
	Net Weight (kg)	7.2kg	7.5kg	7.5kg	7.6kg	8.9kg	5.9kg	25.5kg	28.8kg	45.5kg	49.8kg	54kg	64kg	74kg	84kg		
	Gross Weight (kg)	7.7kg	8.0kg	8.0kg	8.1kg	9.4kg	6.4kg	27.2kg	30.5kg	56.5kg	62.5kg	68.2kg	80.7kg	90.7kg	100kg		

*Product specifications are subject to change without further notice