



GREEN CURRENT

ISO 9001:2015 Certified

Reverse battery
Protection

Low power
Consumption

Over temperature
Protection

Compact size





**GREEN
CURRENT**



450 Watt Charger

Parameter	Model	Model	Model
	GCLI4806	GCLI6006	GCLI7205
Battery Nominal Voltage	48V	60V	72V
Output voltage range	35-58.8V	47-73V	60-88V
Output Current	6A	6A	5A
Note: O/P voltage and current can be adjust as per requirments.			
I/P voltage Range	150VAC -230VAC		
Efficiency	>80 %		
Topology	FLY BACK		
Working Temp	0-50°C		
Protection	O/P over voltage Protection	YES	
	Over Heat protection	YES	
	Over current Protection	YES	
	Reverse Polarity Protection	YES	
	Over Heat protection	YES	
	Auto Cut-off	YES	
Battery Compatibility	Li-ion (NMC/LFP) , Lead Acid		



900 Watt Charger

Parameter	Model	Model	Model
	GCLI4810	GCLI6010	GCLI7210
Battery Nominal Voltage	48V	60V	72V
Output voltage range	35-58.8V	47-73V	60-88V
Output Current	8-10A	8-10A	8-10A
Note: O/P voltage and current can be adjust as per requirments.			
I/P voltage Range	160VAC -230VAC		
Efficiency	>90 %		
Topology	Half Bridge LLC		
Working Temp	0-50°C		
Protection	O/P over voltage Protection	YES	
	Over Heat protection	YES	
	Over current Protection	YES	
	Reverse Polarity Protection	YES	
	Over Heat protection	YES	
	Auto Cut-off	YES	
Battery Compatibility	Li-ion (NMC/LFP) , Lead Acid		



1.1 kW Charger

Parameter	Model	Model	Model
	GCLI4815	GCLI6015	GCLI7212
Battery Nominal Voltage	48V	60V	72V
Output voltage range	35-58.8V	47-73V	60-88V
Output Current	12-15A	12-15A	12A
Note: O/P voltage and current can be adjust as per requirments.			
I/P voltage Range	160VAC -230VAC		
Efficiency	>90 %		
Topology	Half Bridge LLC		
Working Temp	0-50°C		
Protection	O/P over voltage Protection	YES	
	Over Heat protection	YES	
	Over current Protection	YES	
	Reverse Polarity Protection	YES	
	Over Heat protection	YES	
	Auto Cut-off	YES	
Battery Compatibility	Li-ion (NMC/LFP) , Lead Acid		



1.8 kW Charger

Parameter	Model	Model	Model
	GCLI4825	GCLI6025	GCLI7220
Battery Nominal Voltage	48V	60V	72V
Output voltage range	35-58.8V	47-73V	60-88V
Output Current	20-25A	20-25A	20A
Note: O/P voltage and current can be adjust as per requirments.			
I/P voltage Range	170VAC -230VAC		
Efficiency	>90 %		
Topology	Half Bridge LLC		
Working Temp	0-50°C		
Protection	O/P over voltage Protection	YES	
	Over Heat protection	YES	
	Over current Protection	YES	
	Reverse Polarity Protection	YES	
	Over Heat protection	YES	
	Auto Cut-off	YES	
Battery Compatibility	Li-ion (NMC/LFP) , Lead Acid		

- ★ Auto deep discharge Battery wakeup system provided.
- ★ Design with advance LLC Resonance.
- ★ Two stage (CC-CV Mode) charging profile suitable for Li-ion & LFP batteries.
- ★ Wide input operating voltage range 190-240V_{AC}.
- ★ Battery reverse protection.
- ★ High Eciency > 95%
- ★ I/P Nominal Current 2A-7A max.
- ★ Earth leakage protection as per AIS156 phase II (Optional)



GREEN CURRENT



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