



DCI Series

DC/DC Charger Isolated

DCI12-1230

FEATURE

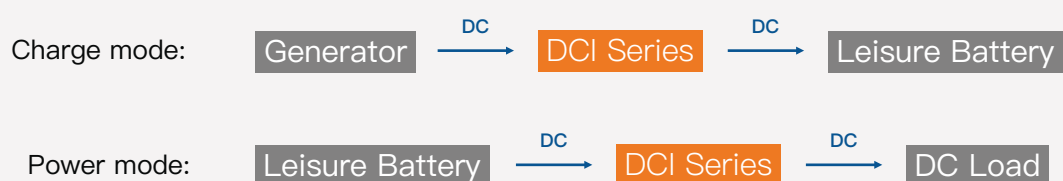
- ☐ Input and output are completely electrically isolated
- ☐ Two output modes, charge mode and power mode
- ☐ Built-in Bluetooth supports remote adjustment
- ☐ Can be adapted to various types of generators
- ☐ With high temperature automatic derating function
- ☐ With IP43 protection grade

ABOUT SRNE

- ☐ SRNE 15 years in PV industry, committed to independent R&D and production.
- ☐ Holds over 200 patents in energy storage, with unique industry leading technologies.
- ☐ Chooses top-quality international components to deliver high value products to customers.
- ☐ Upholds values of customer priority, proactivity, responsibility, and innovative breakthroughs.

MODEL	DCI12-1230		
CHARGE MODE			
Battery System Voltage	12V		
Battery Types	Lead-acid/lithium battery/user-defined		
Input Voltage Range	10~16Vdc		
Static power consumption	≤60mA		
POWER MODE			
Input Voltage Range	10~16Vdc		
Output Voltage Range	10~16Vdc		
Alternator Types	Conventional generators /Smart generators /Custom generators		
Static power consumption	≤60mA		
Rated output current	30A		
Maximum Charge Conversion Efficiency	92%		
GENERAL DATA			
Dimension	187*133.6*83.9		
Weight	1.4kg		
Protection Degree	IP43		
Temperature	-35~65℃		
Output Mode	Charge mode (default) / Power mode		
Altitude	≤3000m		
Cooling Method	natural cooling		
Communication	Bluetooth、TTL、RS485、CAN		
Warranty	3 Years		
Certificate	RoHS/CE/EMC		
PROTECTION			

Unconnected battery alarm, battery under-voltage alarm, battery over-discharge, battery over-voltage, generator over-voltage, power mode output over-voltage, output short-circuit protection, internal over-temperature protection, internal over-temperature alarm, output overload protection



Wiring diagram