

# DCI Series

DC/DC Charger Isolated

DCI12-1230/DCI12-2415/DCI12-4810

## FEATURE

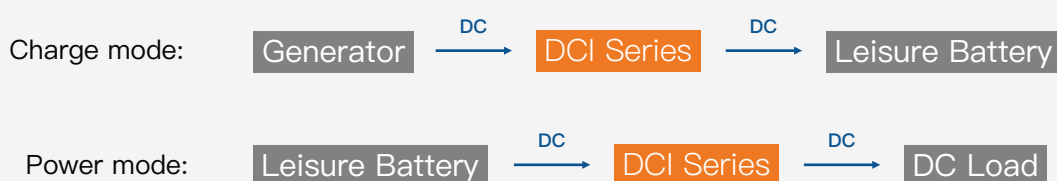
- Input and output are completely electrically isolated
- Two output modes, charge mode and power mode
- Built-in Bluetooth supports remote adjustment
- Can be adapted to various types of generators
- With high temperature automatic derating function
- With IP43 protection grade

## 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	DCI12-2415	DCI12-4810
<b>CHARGE MODE</b>			
Battery System Voltage	12V	24V	48V
Battery Types	Lead-acid/lithium battery/user-defined		
Input Voltage Range	10~16Vdc		
Static power consumption	≤60mA	≤40mA	≤10mA
<b>PWOER MODE</b>			
Input Voltage Range	10~16Vdc		
Output Voltage Range	10~16Vdc	20~32Vdc	40~64Vdc
Alternator Types	Conventional generators /Smart generators /Custom generators		
Static power consumption	≤60mA		≤90mA
Rated output current	30A	15A	10A
Maximum Charge Conversion Efficiency	92%		
<b>GENERAL DATA</b>			
Dimension	187*133.6*83.9		
Weight	1.4kg		1.8kg
Protection Degree	IP43		
Temperature	-35~65°C		
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		
<b>PROTECTION</b>			

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