

## ELECTRONIC BATTERY ISOLATORS

RCE RANGE



### PRESENTATION

◆ The electronic battery isolators (MOS transistors) prevent the current from flowing from one battery set to another and allow to automatically direct the current of charge to the lowest charged battery.

◆ As they do not create any voltage drop unlike the usual diode splitters, the efficiency of the charge circuit is improved.  
Easy to connect, they automatically fit to the 12 or 24Vdc input power supply voltage.

### GENERAL CHARACTERISTICS

- TYPE : MOSFET
- TO A COMPLETE AND FAST CHARGE OF 2 OR 3 BATTERY SETS
- OPERATING IN 12V OR 24V FROM ANY ENERGY SOURCE : alternator, wind generator, solar-panel, battery charger, etc.
- INTEGRATED IGNITION ALTERNATOR TERMINAL (except model RCE/100-2E-3)
- CONNECTION : + battery on threaded rods, - battery on Faston terminal at minus common (reference)
- OPERATING INDICATOR (alternator output voltage presence)
- OPERATING TEMPERATURE (\*) : -40°C/+85°C
- COOLING : natural

### STANDARDS

EN 50081-1 (emission) ; EN 50082-1 (immunity) ; EN 60950-1 (safety)

### RANGE

#### OPTIONAL :

Isolator kit - Ref. SEELO10604 : needed with RCE/100-2E-3 model if the DC source requires a voltage reference to start and to regulate (1 kit per involved source).

ITEM CODE	RATED CURRENT (*)	NUMBER OF INPUTS	NUMBER OF OUTPUTS	IG CONNECTION (stimulation of alternator)	OVERALL DIMENSIONS in mm (w x h x d)	WEIGHT
RCE/100-1E-2IG	100A	1 (Ø M6)	2 (Ø M6)	Yes	146x97x85	0,8Kg
RCE/100-1E-3IG	100A	1 (Ø M6)	3 (Ø M6)	Yes	158x146x85	0,8Kg
RCE/100-2E-3	100A	2 (Ø M6)	3 (Ø M6)	No	158x146x85	0,8Kg
RCE/150-1E-2IG	150A	1 (Ø M8)	2 (Ø M6)	Yes	146x97x85	0,8Kg
RCE/150-1E-3IG	150A	1 (Ø M8)	3 (Ø M6)	Yes	158x146x85	0,8Kg
RCE/180-1E-2IG	180A	1 (Ø M8)	2 (Ø M8)	Yes	146x97x85	0,8Kg
RCE/180-1E-3IG	180A	1 (Ø M8)	3 (Ø M8)	Yes	158x146x85	0,8Kg
RCE/200-1E-3IG	200A	1 (Ø M10)	3 (Ø M8)	Yes	158x146x85	0,8Kg

We reserve the right to make modifications to the specification without prior notice. Please consult us.

(\*) for total maximum current divided over 2 or 3 output points depending on model - please consult us in case of constant charge current