



# PRODUCT PORTFOLIO

for

LIGHT ELECTRIC VEHICLES

***GUILERA***<sup>®</sup>

the engineering and manufacturing partner  
of the leading brands of light electric vehicles in Europe,

presents its product line-up of

**DC/DC CONVERTERS**

for light e-Mobility applications

## **WHY *GUILERA***<sup>®</sup>

- We develop proprietary technology, services and products since 1953
- We run an specialized engineering team for e-mobility applications since 2007
- We hold standing business relationships with many OEMs, Tier1s and Engineering companies
- We are used to working under demanding automotive standards, regulations and timings
- Our CEO is senior member of the UNE / ISO technical committee
- We are a flexible manufacturer with on-site medium/large production batches capabilities
- Our entire product range of Inverters and Converters is #MadeInEurope
- We have in-house testing capabilities, including full vehicle test bench for P2Ws, P3Ws and P4Ws
- We guarantee confidentiality, independence and best time to market

# DC/DC CONVERTERS

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e-bikes

e-MTBs

e-P3Ws

e-Mopeds

e-ATV / UGV / AGV

e-scooters

e-trial bikes

Personal Light Electric Vehicles PLEVs

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## DC/DC CONVERTERS

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- Compact electronic design & high efficiency
- Single or dual output
- Isolated ground for systems above 60V (B1)
- Designed and made in our factory in Barcelona

# DC/DC CONVERTERS

Industrial &  
Automotive applications

12 / 5 V – 2A

24 / 5 V – 2A

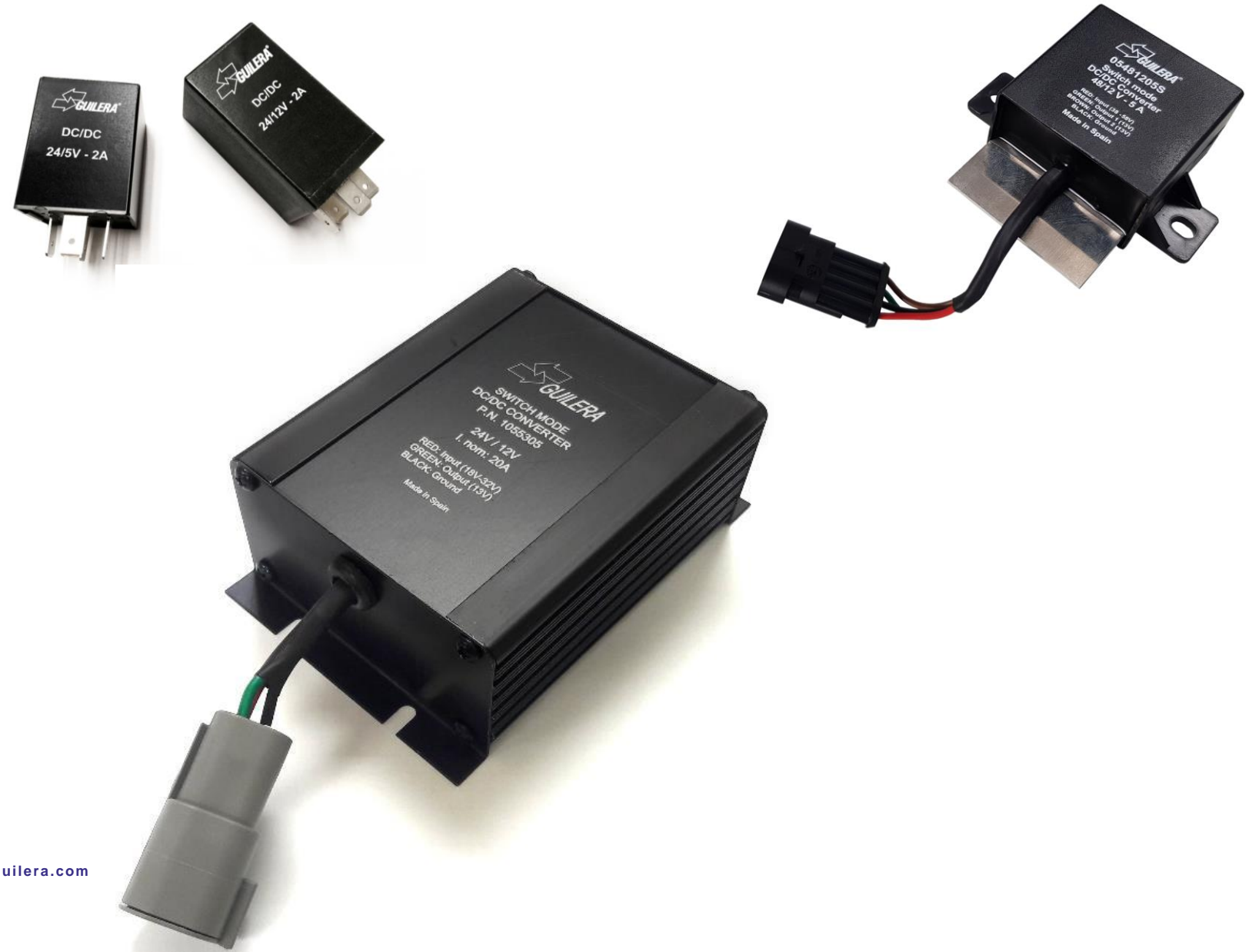
24 / 12 V – 2A

24 / 12 V – 5A

24 / 12 V – 10A

24 / 12 V – 20A

(12V – 24V)



# DC/DC CONVERTERS

Industrial &  
Automotive applications

36 / 12 V – 5A

36 / 12 V – 10A

48 / 12 V – 5A

48 / 12 V – 10A

48 / 12 V – 30A

(12V – 24V)



# DC/DC CONVERTERS

Isolated ground  
above 60V (B1)

Single or dual output  
Customizable

60 / 12 V – 10+2A

72 / 12 V – 20A

48 / 12 V – 10+2A

(12V – 24V)





# TESTING CAPABILITIES

- In-house 20 kW roller test bench
  - Equipped with an external power supply in order to achieve repetitive tests
  - Development & Validation testing
  - Customization of vehicle performance
- Climatic chamber, thermal shock and vibration tests

## ADDITIONAL ON-SITE TESTING SERVICES

- Power/torque/temperature characterization
- Endurance/consumption tests
- Fatigue (electrical), vibration and cycling tests (for single components)





**GULERA S.A.**

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I N V E R T E R S / C O N V E R T E R S

L I G H T E L E C T R I C A L V E H I C L E S

