



*ABYC A-31 July 2020*

**Electrical Division Standard  
Electrical Component Project Technical  
Committee**

*The ABYC Standards and Technical Information Reports for Small Craft are the product of a consensus of representatives of government, industry, and public sectors. It is intended solely as a guide to aid manufacturers and the marine community in the design, construction, equipage, and maintenance of small craft.*

*ABYC reviews each standard at least every five years at which time it may be reaffirmed, revised, or withdrawn. ABYC welcomes any written comments on the standards and technical information reports.*

## **ABYC A-31**

# **BATTERY CHARGERS AND INVERTERS**



### ***Origin and Development***

ABYC A-31, *Battery Chargers and Inverters* is a result of combining standards A-20, *Battery Charging Devices* and A-25, *Power Inverters*. ABYC first published A-31 in 2005 and revised it in 2010 and 2015. The 2020 edition of the standard is the work of the Electrical Component Project Technical Committee.

### ***Electrical Component Project Technical Committee***

*This list represents the membership at the time the committee was balloted.*

Denis Bonneau, *Chair*

James Coté, *Vice Chair*

Scott Berry	William Drake	John Lach
Andy Brown	Ward Eshleman	Tom Marhevko
Po Chang	Kim Horn	Vinod Mehta
Jay Check	Charles Johnson	Aida Nichols
David DeHorn	Wayne Kelsoe	Dave Potter

Membership on a committee shall not in and of itself constitute an endorsement of ABYC or any document developed by the committee on which the member serves.

This standard, which is the result of extended and careful consideration of available knowledge and experience on the subject, was developed under procedures accredited as meeting the criteria for American National Standards and is intended to provide minimum performance requirements. The Project Technical Committee that approved the standard was balanced to ensure that individuals from competent and concerned interests have had an opportunity to participate.

ABYC's Project Technical Committee (PTC) meetings are open to the public. All inquiries regarding standards activity, interpretations, or meeting attendance should be directed to the ABYC Technical Department at [comments@abycinc.org](mailto:comments@abycinc.org).

ABYC and its committees do not "approve" or "endorse" any item, construction, or proprietary device.

### ***Request for Interpretations***

Upon written request, the Electrical Component PTC will render an interpretation of any requirement of the standard. The request for interpretation should be clear and unambiguous. Requests should be presented to the PTC in a manner in which they may be answered in a "Yes" or "No" fashion.

The committee reserves the right to reconsider any interpretation when or if additional information that might affect it becomes available to the PTC. Persons aggrieved by an interpretation may appeal to the committee for reinterpretation.