

Amperian Interface



Product code: 77034000

Amperian is a powerful digital assistant which keeps an eye on your Mastervolt power system, anywhere in the world. Ranging from remote battery monitoring up to system optimization, Amperian provides you with a ticket to the future.

The future starts now

Mastervolt and her parent company PowerProducts are passionate about reliable systems and excellent service. The new Amperian platform aims to unburden our customers: this web service will allow both service providers and owners*, to check a power system remotely and make adjustments where needed. Having access to the Internet equals access to your system and when something comes up, such as a charger that's no longer plugged in, Amperian will alert you automatically.

(* under development)



Using Amperian

Amperian comes with a secure account which allows access to your system. Authorize your service provider to obtain expert service and advice: 'No worries' taken to a whole new level.

Empower your system with Amperian

Mastervolt designed a new Interface to access the benefits of Amperian. The Amperian Interface can reach every individual MasterBus device within your system. It connects to the Internet using a secure Ethernet or WiFi connection. Integrated 3G/4G internet connection is under development

Service offering

Building on the Internet of Things, the Amperian platform will be the cornerstone for various new tools and services. The initial release, by means of the Amperian Interface, provides access to:

- E-mail alerts: e-mail notifications sent from your system
- Log book: alerts stored in your personal Amperian account
- MasterAdjust Web: remote monitoring and configuration tool for service providers

E-mail alerts and logbook

In case a system alert comes up, Amperian will provide you with a notification immediately. If anything out of the ordinary occurs in your system, you will always be aware. Prevent surprises such as empty batteries or tanks when you needed them to be filled. Return to your truck, yacht, RV or standalone system being reassured that everything is in order for a successful working day or a wonderful trip. Using the logbook available on the Amperian web portal, you will be able to look up the history of these events.

Don't worry, Amperian is on site!

For service providers, MasterAdjust Web is the powerful tool for remote monitoring and configuration of any MasterBus connected system. This web-based version of the well-known MasterAdjust software allows the service provider to work on Mastervolt systems from any location. Solving problems has never been quicker or easier. Whether the owner is earning a living on the road or spending free time on the water, this service will help protect him from interruption of the silent electric power he or she invested in.

Features

- Web based, digital assistant.
- Online monitoring of the power system.
- Remote service tool for service providers.
- Log book keeps history of events.
- Automatic e-mail notification of exceptions occurring in the power system.
- Secure, encrypted connection.

Specifications

General specifications

Function	communication interface between MasterBus and Mastervolt's internet based Amperian platform
Secure connection	yes
Connectivity	WiFi, Ethernet
Operating voltage range	9-32 V DC
Data communicated	any MasterBus data requested
Communication protocol	MasterBus, MQTT via Ethernet
MasterBus powering	no
Protection degree	IP54
Dimensions, hxxxd	105 x 190 x 60 mm 4.1 x 7.5 x 2.4 inch
Weight	0.7 kg 1.5 lb
Delivered with	power cable, WiFi antenna, MasterBus RJ45 adapter

Technical specifications

Power consumption	< 450m A at 12 V / < 225 mA at 24 V
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