

# Dual USB Chargers

**Intelligent device recognition allows rapid charging of phones, tablets, or other mobile devices on the go.**

## 48V Dual USB 4.0A Chargers (1038 & 1046)

- Ideal for golf carts and other 48V systems
- Spring-hinged cover keeps debris and moisture out
- Charges at the speed required by specific devices
- Internal filtering for reduced electronic interference
- Potted or conformal coated circuit board for the harsh marine environment
- 1038 Mounts in existing contura switch aperture
- 1046 Mounts in common 1-1/8" diameter hole



1038



1046

## 12V/24V Dual USB 4.8A Chargers (1039 & 1045)

- Charges at the speed required by specific devices
- Internal filtering for reduced electronic interference
- Over temperature protection
- Conformal coated circuit board for the harsh marine environment
- Protective dust cap keeps debris and moisture out
- 1039 Mounts in existing contura switch aperture
- 1045 Mounts in common 1-1/8" diameter hole



1039



1045

## Related Products



12V DC Plug



12V DC Sockets



2.1A Dual USB Chargers



12V DC Socket and Dual USB Charger 360 Panel



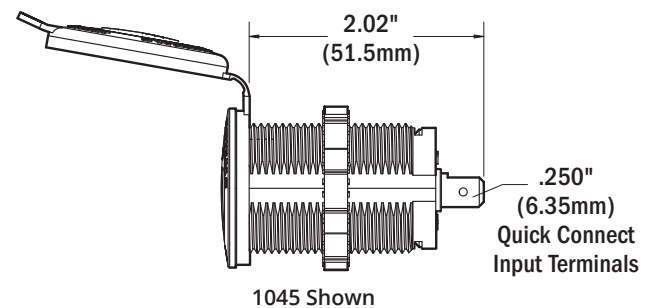
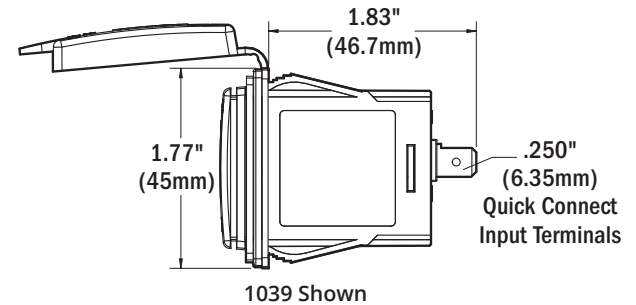
Water-Resistant Accessory Panels

# Specs

|                                 |                                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------|
| <b>48V Dual USB 4A Chargers</b> | <b>1038 &amp; 1046</b>                                                                          |
| Maximum Output Current          | 4A DC (total)                                                                                   |
| Input Voltage                   | 32V—64V DC                                                                                      |
| Output Voltage                  | 5V DC $\pm 5\%$                                                                                 |
| Port Configuration              | Intelligent Device Recognition                                                                  |
| Parasitic Current Draw          | 10mA                                                                                            |
| Thermal Overload Protection     | Yes                                                                                             |
| Short Circuit Protection        | Yes                                                                                             |
| Reverse Polarity Protection     | Yes                                                                                             |
| USB                             | 2.0, Type A                                                                                     |
| Cutout Dimensions               | 1038 - 1.45" $\times$ 0.83" (36.83 mm $\times$ 21.08 mm)<br>1046 - 1-1/8" (29 mm) diameter hole |
| Regulatory                      | RoHS                                                                                            |

|                                      |                                                                                                 |
|--------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>12/24V Dual USB 4.8A Chargers</b> | <b>1039 &amp; 1045</b>                                                                          |
| Maximum Output Current               | 4.8A DC (total)                                                                                 |
| Output Voltage                       | 5V DC $\pm 5\%$                                                                                 |
| Port Configuration                   | Intelligent Device Recognition                                                                  |
| Parasitic Current Draw               | 1mA                                                                                             |
| Thermal Overload Protection          | Yes                                                                                             |
| Short Circuit Protection             | Yes                                                                                             |
| Reverse Polarity Protection          | Yes                                                                                             |
| USB                                  | 2.0, Type A                                                                                     |
| Cutout Dimensions                    | 1039 - 1.45" $\times$ 0.83" (36.83 mm $\times$ 21.08 mm)<br>1045 - 1-1/8" (29 mm) diameter hole |
| Regulatory                           | RoHS, CE Certified                                                                              |

| Part # | Description                         | Mounting Style |
|--------|-------------------------------------|----------------|
| 1038   | 48V Dual USB 4.0A Charger           | Contura Switch |
| 1046   | 48V Dual USB 4.0A Charger           | Socket         |
| 1039   | 12/24V Dual USB 4.8A Charger        | Contura Switch |
| 1045   | 12/24V Dual USB 4.8A Charger        | Socket         |
| 1035   | Spring-hinged Cover for 1038 & 1039 | --             |
| 1036   | Spring-hinged Cover for 1045 & 1046 | --             |



Specifications subject to change. See [blueseasystems.com](http://blueseasystems.com) for current information.