



Description

The PowerPlex GBL-12T-ETA is a high-performance 12 in. sunlight readable glass bridge touch screen designed for industrial and marine environments. It is equipped with optical bonding AR glass and specially engineered to survive the most demanding applications. This display has been developed to be used as part of an integrated marine navigation system or within an entertainment system. The latest optical engineering has been incorporated to achieve optimal viewability in all lighting conditions, including direct sunlight. The GBL Series Marine Display's power efficient, low heat design results in increased reliability and longevity required for mission control deployment.

Typical Applications

- Watercraft, e.g. recreational boats and workboats

Features and Benefits

- Easy installation
- Stylish appearance
- Rugged Aluminum Alloy Chassis
- Panel (Flush) mount, VESA mount
- Sunlight readable
- Capacitive touch
- Full glass front

Ordering information

GBL-12T-ETA	12" LED Backlight
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Approvals

Designed to meet FCC Class A, Marine standard EN60945



GBL-12T-ETA

Technical Data

Voltage rating	DC 12 V / DC 24 V
Operating voltage	9...36 V DC
Nominal power consumption	24W at 12V
Degree of protection	IP65 when console mounted
Operating temperature range	-20...+60 °C
Storage temperature range	-20...+70 °C
Mass	approx. 3586 g

LCD Display

Display Type	12" LED Backlight
Active Display Area	245.76 x 184.32 mm
Brightness	1000 cd / m ²
Max Resolution	1024 x 768
Contrast Ratio	800:1
Pixel Pitch (mm)	0.24(H) x 0.24(V)
Viewing Angle	140 (H) / 110(V)
Display Colors	262,144
Response Time	Tr: 6ms, Tf: 17ms
Video Inputs	VGAX1, DVIX1, Composite x3, RS232x1

General Data

Width	297.2 mm (11.7")
Height	256 mm (10.1")
Depth	56 mm (2.2")