



Customized Size VA LCD Display with Black Background White LED and Wide Temperature Range for Power Supply

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO90001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.7-7USD
- Packaging Details: CARTON
- Delivery Time: 3-47WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



Product Specification

- Outline Size: Customized
- Backlight Type: LED
- View Direction: 6 O'clock
- Driving Method: 1 / 4 Duty , 1 / 3 Bias
- Background: Black Color White Led
- Connectivity: Pin
- Va Size: Customized
- Mode: NEGATIVE TRANSFLECTIVE TYPE
- Highlight: **Customized Size VA LCD Display, Black Background White LED LCD Module, Wide Temperature Range LCD Panel**



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6 O'CLOCK Negative Transflective VA LCD Display With Backlight For Power Supply

Product Specifications

Type	VA
Operating Temp	-20 to +70
Storage Temp	-30 to +80
Voltage	5.0 V
Connectors	PIN
Driving Method	Static/Dynamic
Polarizer Type	Transflective
Viewing Direction	6 O'CLOCK



Product Overview

This backlit 6 o'clock negative reflection VA LCD display is specifically designed for power equipment information display. Utilizing VA vertical orientation technology, it features optimal 6 o'clock viewing angle, negative reflection display effect, and backlight assistance for enhanced visibility in various lighting conditions.

Core Features

Display Technology & Visual Characteristics

- Negative reflection (Negative Transflective) VA technology with black background and white text display
- Contrast ratio exceeding 1000:1 with OLED-like visual effects at lower cost
- Optimized 6 o'clock viewing angle for power equipment installation
- Backlight module (white/amber LED) for clear visibility in dim environments

Customizable backlight brightness to balance energy efficiency and visibility

Electrical & Physical Characteristics

5.0V operating voltage (some models 4.3V)

Supports multiple driving methods including 1/3 duty cycle + 1/2 bias

Wide temperature range operation: -20 to +70 (industrial grade -30 to +80)

Customizable physical dimensions with pin or Zebra connection options

Low power consumption with high stability

Customization Options

Custom display content including voltage units (V), current units (A), percentage symbols

Fault indication icons and power bar charts customization

Multiple interface options including pins and FPC

Optional touch functions and data linkage with power supply main control board

Application Scenarios

Industrial Power Supply Equipment

Used in distribution cabinets, UPS systems, and switching power supplies to display real-time voltage, current, power factor, and load rate data. Also suitable for charging station display panels with optimal viewing angle for standing users.

Consumer Power Products

Ideal for battery chargers and outdoor power supplies to show remaining power, output power, and charging modes. Backlight function ensures nighttime visibility.

Medical & Instrument Power Supply

Used in medical equipment power modules and testing instruments where high stability is required. The 6 o'clock viewing angle is perfect for handheld observation by engineers and technicians.



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