

Print the way you want it.
Anytime & Anywhere !

BLACK COPPER
THERMAL PRINTER
BC-85AC



BLACK COPPER BC-85AC

The world's first Green Star qualified POS thermal receipt printer*.

Key Points:

- Fast and versatile printing up to 300mm/second
- Industry-first true grayscale printing of graphics
- Increased flexibility with a standard built-in USB in addition to having a UIB interface
- Ease-of-use features including drop-in paper loading, autocutter and status LEDs
- Handles 80 or 58mm paper roll sizes

The BC-85AC thermal printer is the latest addition to Blackcopper industry-leading BC-85AC POS printer series. The BC-85AC delivers more speed and more reliability than ever before. It offers 50% faster printer of text and graphics than the BC-85AC, 35% more reliability, new ease-of-use features and dual interfaces. In addition, multiple configurations of the BC-85AC meet Green Star requirements making it the only Green Star qualified POS thermal receipt printer available today.*



High-speed, high-resolution text and graphics printing

Now you can speed customer throughput with the BC-85AC printer. It prints both receipts and graphics at the same high speed of up to 300mm per second--50% faster than the BC-85AC. And it's the first printer in the industry to offer 16 levels of grayscale to ensure clear, crisp graphics

Reliability you can count on

With a MCBF of 70 million lines, 35% higher than the BC-85AC, and an autocuter life of 2 million cuts, the BC-85AC delivers best in-class reliability so critical in high volume environments.

Easy to use. Easy to maintain.

The BC-85AC is packed with easy-to-use features including drop-in paper loading an autocutter, easy-to-read LEDs and an improved cover design to protect the printer from foreign objects.

More features, more flexibility

The BC-85AC also features auto speed adjustment for smoother printing, margin and line reduction function to reduce paper usage and costs and more barcode options including 2D. In addition, it offers more flexibility with a standard built-in USB interface in addition to having a USB interface.

GREEN STAR qualified

Multiple configurations of the BC-85AC printer meet GREEN STAR requirements, making it the only GREEN STAR qualified POS thermal receipt printer that is available today.*

Backed by the leader

The BC-85AC is backed by Blackcopper industry leading service and support programs and To learn more about BC-85AC and its advanced printer performance, go to www.blackcopper.net

Print method	Thermal line printing
Print font	
Font	9 × 17 / 12 × 24
Column capacity (columns)	56 / 42
Character size (mm)	0.99 (W) × 2.4 (H) / 1.41 (W) × 3.39 (H)
Character set	95 Alphanumeric, 16 set International, 128 × 43 Graphic. Bar code: UPC-A, UPC-E, JAN8(EAN), JAN13(EAN), CODE39, CODE93, CODE128, ITF, CODABAR, GS1-128, GS1 DataBar. Two-dimensional code: PDF417, QRCode, MaxiCode, 2D GS1 DataBar, Composite Symbology
Characters per inch	20.0 cpi / 15.0 cpi
Interfaces	RS-232, Bi-directional parallel, USB, USB Plus Power, Ethernet(10/100 Base-T), Wireless LAN(IEEE802.11b)
Data buffer	4 KB or 45 bytes
Print speed	Max. 300 mm/sec.
Paper	
Dimensions (mm)	Roll paper: 79.5 ± 0.5 (W) × dia. 83.0 /

	57.5 ± 0.5 (W) × dia. 83.0
Thickness (mm)	0.06 to 0.07
Power	24 VDC ± 7 %
Power consumption	Approx. 1.8 A (mean)
D.K.D.function	2 drives
Reliability	
Printer mechanism life	20 million lines
Auto cutter life	2 million cuts (when using OJI Paper PD150R PD160R)
MTBF	360,000 hours
MCBF	70,000,000 lines
Overall dimensions (mm)	145 (W) × 195 (D) × 148 (H)
Mass (Approx.)	1.6 kg
EMC standards	FCC, VCCI, CE marking, AS / NZS CISPR22 class A. GOST-R
Power supply (option)	BC-180
Option	Wall-hanging bracket WH-10, Power supply box
Safety standards	UL / CSA / EN / TÜV / GOST-R

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As an international GREEN STAR Partner, Blackcopper has determined that this product meets international GREEN STAR guidelines for energy efficiency.

BLACKCOPPER

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* There are many configurations of the BC-85AC. Several configurations of the BC-85AC printer meet the requirement for GREEN STAR qualification. Other configurations do not meet the GREEN STAR requirements as certain components such as power supply or interfaces do not form part of the configuration of that specific model.