

# portable 50 EPAL



## Mobile access to the digital EPAL Euro pallet QR

The digital EPAL Euro pallet QR is the EPAL load carrier of the future. Thanks to the globally unique QR code, the pallet will be the link between the analog and digital worlds in the future.

With the edding portable 50 EPAL, both classic and digital EPAL load carriers can be labeled mobile in the future. The system is therefore suitable for small batches, re-labeling in the event of a primary system failure during production and for repairs.

The system is fully integrated into the associated EPAL Mobile Printer app, which automatically generates the corresponding logos and QR codes. The QR codes are taken from the EPAL Cloud and are therefore guaranteed to be original EPAL. The edding quality inks are permanently water and UV-resistant and have been approved by EPAL.

Like all edding systems, the system is extremely robust and designed for long-term industrial use.



Special inks adjusted to the properties of pallet blocks



Developed specifically for the needs of EPAL licensees



50 mm print height for all EPAL logos and QR codes



Integrated into the EPAL Mobile Printer App with wireless data transfer



Including Metabo LiHD industrial battery with 4 Ah for 14h continuous printing



Maximum uptime, as neither maintenance nor technicians are required



High resolution crisp 300 dpi printing



Made in Germany and 24 months warranty (without consumables)



## TECHNICAL SPECIFICATIONS

### Printing system

- Printing process** • High-res TIJ print technology up to 300 dpi
- Print height** • Up to 44 lines, between 1.0 mm and 50 mm (2.0")
- Print surfaces** • Extensive ink portfolio for almost all materials and surfaces in multiple colors
- Special inks for wood / pallet blocks
- Print options** • Alphanumeric characters and logos, date/time, counter, batch/box number, 1D and 2D barcodes
- Integration into the EPAL Mobile Printer app for EPAL in the oval, IPPC license plate, EPAL QR code, etc.

- Memory capacity** • Internal memory for over 100,000 texts and logos

- Connectivity** • Ethernet connection RJ 45 incl. DHCP
- Communication interfaces via MQTT, OPC UA, http request and TCP-Server
- Web server for access from every workstation
- On request, automatic ordering of new cartridges by the printer

- User interface** • Intuitive user interface with genuine WYSIWYG print preview
- Automatic wizards for printer setup
- Graphic instructions for installation and maintenance in printer display

- Input devices** • Wireless compact keyboard (included in the scope of delivery)
- Any tablet, smartphone or PC

- Display** • Capacitive 4.3" colour LCD touchscreen with LED technology

- 6 LED displays** • ON/OFF, print, low ink level, alarm, print direction right/left

- Input / Output** • 2 high-speed USB 2.0 input

- Language selection** • German, English, Spanish, Russian, Turkish, Portuguese, Simplified Chinese

- Housing / Structure** • Very robust and impact-resistant aluminium housing
- Stainless steel deflector on the front of the printer for food environments
- Fully integrated 4-in-1 design (controller, screen, button and ink cartridge)

- Stand-alone unit, can be used with or without PC

- Battery** • Metabo LiHD premium industrial battery (4000 mAh)
- Charger AC 100-240 V, 50/60 Hz, 3 A, beeper
- Works for 12 hours and only needs 35 minutes to charge
- Can be used for other Metabo power tools

- Abmessungen (L/B/H)** • 297 x 152 x 104 mm

- Gewicht** • 1,2 kg exclusive battery and ink cartridge

- Betriebsumgebung** • 5-40 °C (41-104 °F) at 10-90 % humidity (non-condensing)

- Qualität** • Made in Germany

### Scope of delivery

- Printing system edding portable 50 with EPAL positioning aid
- Stackable carry case
- Metabo LiHD battery with 4.0 Ah
- Metabo battery quick charger
- Wireless keyboard
- USB stick

### Warranty

- 24 months (except consumables)