

E-Bike Power UK® – UKC1+ LCD Display Quick Guide

Buttons

+ Plus (+) – Increase PAS level / hold 2–3 sec = 

Headlight ON/OFF

- Minus (-) – Decrease PAS level / hold 2–3 sec = 

250 W / 15.5 mph limiter (throttle disabled)

□ Power – Hold 2–3 sec = Turn system ON / OFF

M – Menu / Confirm (double press quickly to enter settings)

Basic Menu Options

 Brightness level – Adjust screen brightness.

 Unit system – Metric (km/h) or Imperial (mph).

 Power indicator – Show battery as % or Voltage.

 Auto assist – Usually keep OFF.

 Auto off – Time before display powers down automatically.

 Real-time clock display – Show or hide the clock.

 Clock setting – Set the time & date.

 Power-on password – Optional 4-digit lock to start the bike.

 Information – System info (read-only).

 Advanced Settings – Password: 1801.

Riding Tips

Tap + / - to change PAS level (0 = off).

Zero start (in Advanced Settings) → ON = throttle works from standstill / OFF = must pedal first.

 Advanced Settings (Password: 1801)

 Power system – Match your battery voltage (e.g. 48 V / 52 V).

 Wheel size – Set to your wheel (e.g. 27.5”).

 Speed limit – Set 25 km/h for UK legal mode (disables throttle in limiter); raise for off-road use.

 Current limit – Max controller amps (45 A default, lower if battery BMS <45 A).

 Assist level – Choose 3 / 5 / 9 levels (default 5).

 Poles in motor – 46 default (set to 1 for geared 250–350 W motors).

 Assist poles – PAS sensor magnets (8 for kits).

 ABS level – 0=Off, 1=Weak, 2=Standard, 3=Strong (not recommended – can damage axle).

 Clockwise Start – N = Normal (default).

Road-Legal / Limiter Mode

Hold – for 2–3 sec → bike limits to 250 W / 15.5 mph and throttle is disabled.

Limiter stays on after power off/on.

If throttle still works, check Speed limit = 25 km/h in Advanced Settings.

USB Charging

Long press M to turn the 5 V USB port ON/OFF (max 500 mA).

Support

For help & advice: info@ebikepoweruk.com
E-Bike Power UK®