



# powerKore

## Rechargeable USB power bank

The zioxI powerKore is perfect for getting power to those hard to reach places. These portable, rechargeable, USB power modules can be inserted and locked into a variety of co-ordinating furniture items such as tables, desks, sofas and soft seating. Simply charge up the powerKore modules in the charging station or trolley and then they are easy to carry to your desired location. You can even keep some on charge to hot swap as & when needed - so you'll never run out of power. Patent pending.

### Key features:

- 5 intelligent USB charging ports
- Battery capacity equivalent to approximately 6 iPad batteries
- Two battery technology options (see comparison table below)
- Top surface finish & colour options to match the receiving furniture item, even available as a flower!
- On/off switch, USB ports, key lock, recharging point and carrying handle all presented on the top surface for easy access
- Complimentary zioxI hubTable range of meeting and coffee tables. Bespoke table designs on request.
- Complimentary range of soft seating options such as sofas, booth seats and stools
- Charging stations can be integrated into static furniture such as the zioxI TeacherWall and CubeWall, supplied as a standalone cupboard or as a mobile powerKore charging trolley



PKORE-38LIP-5U	Rechargeable powerKore with 5 USB sockets and 38Ah Lithium Iron Phosphate battery technology
PKORE-36LA-5U	Rechargeable powerKore with 5 USB sockets and 36Ah Lead Acid battery technology
PKORE-CHRGSTN-3	Charging station module for 3 powerKore modules
PKORE-CHRGSTN-4	Charging station module for 4 powerKore modules
PKORE-CHRG-6	Mobile charging trolley for 6 powerKore modules

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	Lithium powerKore	Lead Acid powerKore
Battery Technology	Rechargeable Lithium Iron Phosphate cells with integral battery management system	Rechargeable valve regulated, deep cycle cyclic Lead Acid battery
Capacity (@ 5V)	38Ah*	36Ah*
Recharge cycles	2000	300 - 500
Recharge time	2.5 hours	8 - 10 hours
Module Weight	4 Kg	6.2 Kg
Safety	Virtually incombustible due to the chemical stability of the Iron Phosphate electrode (much safer than Lithium Ion technologies)	Very mature, robust battery technology
Environment	Contains no toxic heavy metals or caustic materials	Requires proper disposal or recycling at end of life
Economics	Lower lifetime cost given very long cycle life	Lower initial cost, entry level solution

\* The battery capacity of an iPad Air is 27Wh (5.5 Ah @ 5V) and an iPhone 5 is 5.5Wh (1.1 Ah @ 5V). On charging there will be power conversions losses in the device & powerKore system which will vary by device but are likely to be approximately 20% to 30%.



Construction	Mild steel carcass, powder coated in white. Compact laminate top in a choice of colours (White, Sunshine, Storm, Maple, Beech, Sky, Orchid, Lime Green). Other top material finishes and / or other top shape designs available on request.
Power	Charging station module or trolley requires 1 mains power socket for recharging (UK, EU, Australia & other country socket options available).  USB power sockets supply a total of 8A across the 5 USB ports. Supports all USB devices except Asus tablets, LG G2 and HP Smartpad. <i>(Cables for connecting from USB sockets to each device are not included)</i>
Warranty	2 years (batteries as per battery manufacturer's warranty). Batteries are replaceable as a Return to Base chargeable service.