Decwxon

CASED BATTERY PACK PLATFORM · SHENZHEN, CHINA

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Sealed, cased battery packs in both NMC and LiFePO4 — 30+ ready-to-ship standard platforms from 20 Wh to 1.4 kWh, produced by our audited partner factories, with full custom development, certification support and white-label service.

PLATFORM AT A GLANCE

Chemistries: NMC 18650 (3S–7S) · LiFePO4 32650/32700 (4S) · pouch cells on request

Capacity: 1.8 Ah – 128 Ah

Energy: 20 Wh – 1,420 Wh

Discharge: 3 A – 40 A

Outputs: 5 V USB · USB-C PD 30–65 W · 9 V · 12 V · 15 V · 19 V · 24 V · PoE 48 V

Protection: IP65 / IP67 sealed enclosures · LCD/LED gauge · BMS standard

STANDARD PRODUCT FAMILIES — EVERY PLATFORM AVAILABLE FOR CUSTOMIZATION

Family	Construction	Capacity range	Typical applications
12 V multi-output packs	18650 NMC, 3S1P–3S4P; 12 V / 9 V / 5 V, USB-C PD 30 W and 7-port output options	20 – 151 Wh (2.0 – 14 Ah)	Mini-UPS DC backup for routers/ONT, security panels, CPAP, 9 V door and intercom systems
24 V packs	18650 NMC, 6S1P–7S2P; 24 V / 15 V / 12 V / 5 V outputs	44 – 161 Wh (2.0 – 6.4 Ah)	24 V industrial controls, telecom gear, display and signage backup
Waterproof packs — IP65 / IP67	Sealed enclosures, 12 V and 24 V; high-current builds at 15 A / 30 A / 40 A	44 Wh – 1,420 Wh (up to 128 Ah)	Outdoor electronics, fish finders, gate motors, mobile equipment, off-grid lighting
LiFePO4 12.8 V deep-cycle	32650/32700, 4S2P–4S12P; LCD gauge version; DC5521 / GX16 / custom connectors	77 – 922 Wh (12 – 72 Ah)	Long-life backup power, solar storage, medical and instrumentation carts
Portable handle power packs	18650 NMC, 3S9P–3S15P; carry handle form factor	178 – 466 Wh (16 – 42 Ah)	Portable power for outdoor, emergency and field-service use
PoE 48 V packs	18650 NMC, 3S1P + boost; PoE 48 V output	22 – 32 Wh (2.0 – 3.2 Ah)	UPS for IP cameras, access points and PoE-powered network devices

All families above are **existing finished products, in current production and ready to ship** — sample quantities available immediately.

CUSTOM ENGINEERING & WHITE LABEL

- **From stock to custom:** start with an existing platform or develop a new pack from your drawing — housing tooling, gauge, connectors and cables all configurable
- **Cells of your choice:** we build to customer-specified cells — 18650, 32650, 32700, polymer pouch; brand is your call, not ours
- **BMS options:** standard protection, Bluetooth monitoring, low-temperature charge, custom cutoff profiles
- **White label, already running:** private-label enclosures with your logo and label are standard service; your customers see only your name
- **Speed:** samples of existing platforms in about 15 days; tiered pricing from sample to volume

QUALITY & CERTIFICATION SUPPORT

- **UN 38.3** tested packs and transport documentation with every shipment
- **UL 2054 / IEC 62133** — we run the certification program with you: listings held at our audited partner pack plants, plant named as manufacturer of record, files passed to you with every lot; structure can be arranged to your compliance requirement
- Audited partner factories under ISO 9001; 100% aging and functional inspection before shipment; lot-level cell traceability
- ≤100 Wh air-freight-friendly variants for any platform

RECENTLY SHIPPED AT VOLUME

12 V / 10.4 Ah pack **with 12.6 V US charger** (3S)

12.8 V / 12 Ah · 153.6 Wh LiFePO4 (4S)

27 Ah / 3.65 V ≈ 99 Wh single-string pack

3S 65 W USB-C PD power bank class (111 Wh)

> **One platform, your label.** Every family above ships white-labeled under your brand — private-mold housing, your specified cells, your gauge and connectors — so your customers see only your name on the pack.

SUPPLY TERMS & DELIVERY

Factory-direct source: packs direct from partner plants — best price at equal specification

Proven in supply: already kitting multiple companies' programs (under NDA)

Lead time: 3–4 weeks production, on-time delivery guaranteed

Dedicated logistics line: secure, reliable battery-certified channels

> **Our biggest advantage: DDP, door to door.** We deliver duty-paid to your door — **safe** (battery-certified logistics, full documentation), **cost-saving** (no hidden freight or customs surprises), **worry-free** (we handle customs and clearance), **hassle-free** (one PO, one delivery, zero logistics work on your side).