2026

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VASTECH

Drone Battery Brochure

Safe, Powerful, Customized Low-Altitude Power —
Perfected for Every Flight

High-Rate Cells | Semi-Solid State Batteries | High-Voltage, High-Energy-Density Batteries | Pouch Batteries | Smart Batteries | FPV Batteries | Custom Smart Charger & Power Solutions

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01 Brand and Core Advantages

As a specialized lithium battery R&D manufacturer with deep high-power expertise, VASTECH is the power brand of choice for drone and FPV pilots worldwide. High discharge rate, high energy density, high stability: three strengths that make every flight more powerful and worry-free.

Safe Cells with Robust Performance
—— ASTECH, the New Benchmark in Low-Altitude Power

Core Technology

Semi-Solid Breakthrough — Tougher & More Stable

Powered by semi-solid innovation, precision engineering and full-chain experience, VASTECH continuously elevates battery performance: enhanced ionic conductivity, 30%+ longer cycle life, and higher safety margins — building a more stable, more durable power core for drones.

Product Advantages

Born for Flight, Flexible Customization

- Lightweight, high density: high energy density for longer endurance;
- Semi-solid technology: optimized ionic activity for longer cycle life;
- In-house BMS: intelligently adapts to multiple scenarios; OEM/ODM ready.

Quality Assurance

Full-Chain Strict Control + Traceability

End-to-end QC and automated lines ensure consistency; rigorous testing eliminates hidden risks; unique code-based quality traceability.

Certified to 23+ international standards including CE, FCC and UN38.3 — delivering rock-solid quality on every commitment.

Production Capacity

Full-Chain Manufacturing, Worry-Free Delivery

Automated lines: standardized processes and smart equipment ensure consistent quality and fast turnaround with industry-leading responsiveness.

Global supply chain: covering 60+ countries and regions, serving drone pilots, FPV enthusiasts, and government & enterprise clients. Safe, reliable, high-performance, and fully customizable — VASTECH batteries are ready for every takeoff.

02 Core Products – High-Rate Cell Series

Custom Integration/Full-System Development

Type	Model	Capacity (Ah)	Nominal Voltage	Cell Weight(g)	Cycle Lif @80%	Max Continuous Charge	Max Continuous Discharge
Standard	P9574170S	12	3.70	~244	⩾600 cycles at 2C/5C	2C	10C
	P1174170S4	16	3.70	~310	⩾500 cycles at 2C/5C	3C	15C
	P1190190S4	22	3.70	~430	⩾500 cycles at 2C/5C	2C	15C
	T9290190K	22	3.70	~325	⩾800 cycles at 0.5C/0.5C ⩾500 cycles at 0.5C/3.0C	1C	5C
	T1290190K	30	3.70	~435	⩾800 cycles at 0.5C/0.5C ⩾500 cycles at 0.5C/3.0C	1C	5C
	P10121246GH	42	3.80	~655	⩾500 cycles at 2C/5C	2C	10C
High-Voltage, High Energy Density (3.85–3.95V)	P78110165EU	24.5	3.95	~305	⩾100 cycles at 0.5C/3.0C	1C	5C
	P90110165EV	285	3.90	~360	⩾100 cycles at 0.5C/3.0C	1C	5C
	P1090190EU	31	3.95	~320	⩾300 cycles at 0.5C/3C	1C	5C
	P11105212EV	41	3.85	~560	⩾800 cycles at 0.5C/0.5C ⩾300 cycles at 0.5C/3.0C	1C	5C
	P76165245EU	55	3.95	~690	⩾300 cycles at 0.50C/0.5C ⩾200 cycles at 0.5C/3.0C	1C	5C
	P10165245EU	67	3.95	~884	⩾300 cycles at 5C/3C	1C	5C

02 Core Products – High-Rate Cell Series

Custom Integration/Full-System Development

Type	Model	Capacity (Ah)	Nominal Voltage	Cell Weight(g)	Cycle Lif @80%	Max Continuous Charge	Max Continuous Discharge
Fast-Charging (3–5C)	T1174170GH	16	3.80	~300	⩾600 cycles at 2C/5C ⩾300 cycles at 4C/5C	4C	15C
	P1090190SH	20	3.80	~385	⩾800 cycles at 4C/8C ⩾600 cycles at 5C/10C	5C	20C
	P11105164SH	21	3.80	~395	⩾600 cycles at 5C/10C	5C	20C
	P1190190GH	22	3.80	~395	⩾600 cycles at 3C/5C	3C	20C
	T11105212GH	25	3.80	~454	⩾650 cycles at 1C/4C ⩾500 cycles at 3C/4C	3C	10C
	P12105212SH	30	3.80	~545	⩾1000 cycles at 4C/8C ⩾600 cycles at 5C/10C	5C	20C
	T12105212GH	30	3.80	~530	⩾750 cycles at 1C/4C ⩾600 cycles at 3C/4C	3C	10C
	P11120270SH	40	3.80	~765	⩾1000 cycles at 4C/8C ⩾600 cycles at 5C/10C	5C	20C
	P12120270GH	47	3.80	~855	⩾600 cycles at 3C/5C	4C	12C

02 Core Products – High-Rate Cell Series

Custom Integration/Full-System Development

Type	Model	Capacity (Ah)	Nominal Voltage	Cell Weight(g)	Cycle Lif @80%	Max Continuous Charge	Max Continuous Discharge
High Energy Density	T6470158K	10.5	3.70	~130	⩾300 cycles at 2.0C/3.0C ⩾500 cycles at 0.5C/3.0C	1C	5C
	T1174170E	22	3.70	~255	⩾300 cycles at 2.0C/3.0C ⩾500 cycles at 0.5C/3.0C	1C	5C
	T1074208E	26	3.70	~300	⩾300 cycles at 2.0C/3.0C ⩾500 cycles at 0.5C/3.0C	1C	5C
	T1190190E	30	3.70	~405	⩾800 cycles at 0.5C/0.5C ⩾500 cycles at 0.5C/3.0C	1C	5C
	T9990190E	31	3.70	~360	⩾300 cycles at 2.0C/3.0C ⩾500 cycles at 0.5C/3.0C	1C	5C
	T1190190K	33	3.70	~390	⩾300 cycles at 2.0C/3.0C ⩾500 cycles at 0.5C/3.0C	1C	10C
	T1190190*	33	3.80	~365	⩾100 cycles at 0.5C/3.0C	0.5C	5C
	T1090190E	35	3.70	~400	⩾300 cycles at 2.0C/3.0C ⩾500 cycles at 0.5C/3.0C	1C	5C
	T1190190EF	35	3.70	~395	⩾500 cycles at 0.5C/0.5C ⩾300 cycles at 0.5C/3.0C	1C	5C
	T12105212K	45	3.70	~530	⩾300 cycles at 2.0C/3.0C ⩾500 cycles at 0.5C/3.0C	1C	10C

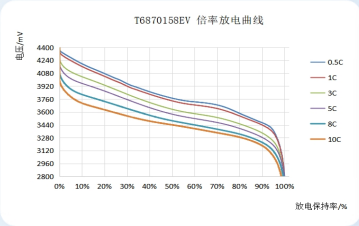
02 Core Products – High-Rate Cell Series

Custom Integration/Full-System Development

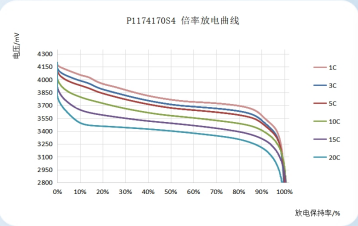
Type	Model	Capacity (Ah)	Nominal Voltage	Cell Weight(g)	Cycle Lif @80%	Max Continuous Charge	Max Continuous Discharge
FPV	T9045135Z	5	3.70	~105	⩾400 cycles at 0.5C/10C	2C	40C
	P1143126KH	7.5	3.80	~125	⩾500 cycles at 0.5C/0.5C	2C	10C
	P1245135KH	8	3.80	~150	⩾300 cycles at 0.5C/10C	2C	10C
	P1243126KV	8.5	3.85	~130	⩾500 cycles at 0.5C/0.5C	2C	10C
	P1345135KH	8.5	3.80	~160	⩾300 cycles at 0.5C/10C	2C	10C
	T6870158EV	10.5	3.85	~280	⩾100 cycles at 0.5C/3.0C	1C	8C
	P9674170EV	16	3.85	~230	⩾200 cycles at 0.5C/3.0C	1C	7C
	ZP9774170KV	16	3.85	~255	⩾200 cycles at 0.5C/3C	1C	10C
	P9590190KV	22	3.85	~318	⩾100 cycles at 0.5C/5C	1C	7C
	P88110165KV	24	3.90	~363	⩾5600 cycles at 0.5C/0.5C	2C	9C

02 Core Products

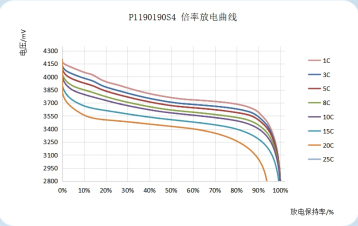
Cell Series Data & Export Certifications



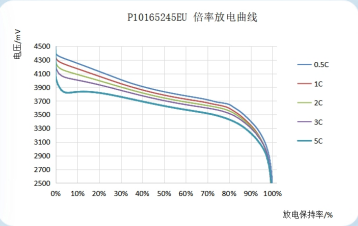
P1190190S4 Rate Discharge Curve



P10165245EURate Discharge Curve



P1174170S4 Rate Discharge Curve



T6870158EV Rate Discharge Curve

Certifications: ·ISO9001 ·UN38.3 ·FCC ·IEC

02 Core Products

VASTECH Battery Advantages

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type	High-Voltage Semi-Solid State Li-ion
Configuration	12S-32S
Flight Time	**20%–30% longer than standard batteries** ↑
Applications	Patrol, surveying & mapping, crop protection, heavy-lift
BMS & Protocol	Intelligent BMS, multi-protocol communication
Compatibility	Compatible with most flight controllers and drone platforms
Cycle Life	**1,000 cycles**
Cost per Flight	**Reduced by 40%** ↓
Wide-Temperature Output	**-30°C~60°C**

CoreStrengths

- **345 Wh/kg ultra-high energy density — 30% longer endurance** ↑
- High-rate discharge + ultra-fast charging
- Inherently safe
- Semi-solid state
- Lower total cost of ownership
- No swelling, no fire
- Low failure rate, fewer battery replacements

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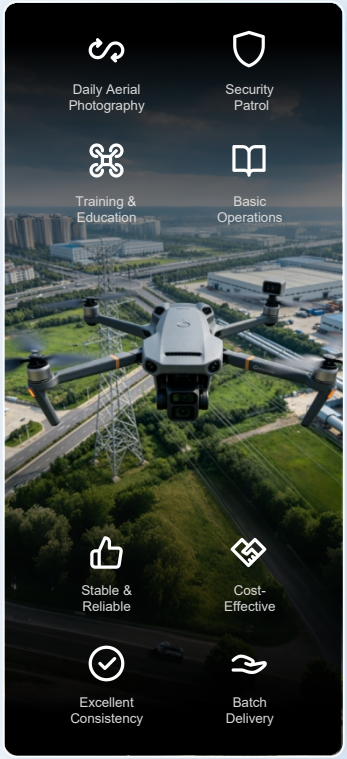
Product Matrix

Standard High-Rate Cell Series

03 Standard High-Rate Cell Series

General Aerial Photography / Security Patrol



VASTECH 15C 6S1P 22.2V 12000mAh

Max Charge Current: 2C | Type: P9574170S
Net Weight (±100g):1800g | Cycle Life: ≥600
Dimensions: 56(T) * 80(W) * 186(H) mm

VASTECH 15C 12S1P 44.4V 12000mAh

Max Charge Current: 2C | Type: P9574170S
Net Weight (±100g): 3380g | Cycle Life: ≥600
Dimensions: 113(T)*77(W)*186(H) mm

VASTECH 15C 14S1P 51.8V 12000mAh

Max Charge Current: 2C | Type: P9574170S
Net Weight (±100g): 4000g | Cycle Life: ≥600
Dimensions: 136(T)*77(W)*186(H) mm

VASTECH 30C 6S1P 22.2V 16000mAh

Max Charge Current: 3C | Type: P1174170S4
Net Weight (±100g): 2080g | Cycle Life: ≥500
Dimensions: 73(T) * 80(W) * 186(H) mm

VASTECH 30C 12S1P 44.4V 16000mAh

Max Charge Current: 3C | Type: P1174170S4
Net Weight (±100g): 4100g | Cycle Life: ≥500
Dimensions: 145(T) * 77(W) * 186(H) mm

VASTECH 30C 14S1P 51.8V 16000mAh

Max Charge Current: 3C | Type: P1174170S4
Net Weight (±100g): 4800g | Cycle Life: ≥500
Dimensions: 162.8(T) * 76.1(W) * 186(H) mm

VASTECH 25C 6S1P 22.2V 22000mAh

Max Charge Current: 2C | Type: P1190190S4
Net Weight (±100g): 2770g | Cycle Life: ≥500
Dimensions: 71(T) * 96(W) * 205(H) mm

VASTECH 25C 12S1P 44.4V 22000mAh

Max Charge Current: 2C | Type: P1190190S4
Net Weight (±100g): 5450g | Cycle Life: ≥500
Dimensions: 136(T) * 93(W) * 204(H) mm

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Product Matrix

Fast-Charging High-Rate Cell Series

03 Fast-Charging High-Rate Cell Series

Crop Protection / Firefighting / High-Frequency Operations

VASTECH 25C 14S1P 53.2V 30000mAh

Max Charge Current: 5C Type: P12105212SH
Net Weight (±100g):7930g Cycle Life: ⩾1000
Dimensions: 174(T) * 110(W) * 230(H) mm

VASTECH 15C 14S1P 53.2V 30000mAh

Max Charge Current: 3C Type: T12105212GH
Net Weight (±100g):7930g Cycle Life: ⩾750
Dimensions: 174(T) * 110(W) * 230(H) mm

VASTECH 25C 18S1P 68.4V 30000mAh

Max Charge Current: 5C Type: P12105212SH
Net Weight (±100g):10200g Cycle Life: ⩾1000
Dimensions: 222(T) * 112(W) * 232(H) mm

VASTECH 15C 18S1P 68.4V 30000mAh

Max Charge Current: 3C Type: T12105212GH
Net Weight (±100g):10200g Cycle Life: ⩾750
Dimensions: 222(T) * 112(W) * 232(H) mm

VASTECH 15C 6S1P 22.8V 30000mAh

Max Charge Current: 3C Type: T12105212GH
Net Weight (±100g):3430g Cycle Life: ⩾750
Dimensions: 76(T) * 113(W) * 230(H) mm

VASTECH 25C 12S1P 45.6V 40000mAh

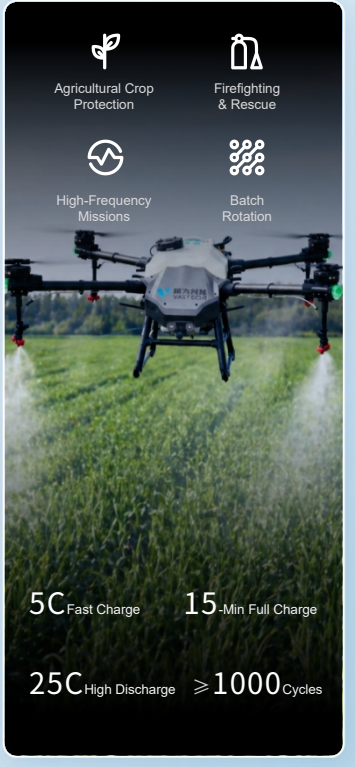
Max Charge Current: 5C Type: P11120270SH
Net Weight (±100g):9680g Cycle Life: ⩾1000
Dimensions: 142(T) * 125(W) * 292(H) mm

VASTECH 15C 12S1P 45.6V 30000mAh

Max Charge Current: 3C Type: T12105212GH
Net Weight (±100g):6760g Cycle Life: ⩾750
Dimensions: 149(T) * 110(W) * 230(H) mm

VASTECH 25C 14S1P 53.2V 40000mAh

Max Charge Current: 5C Type: P11120270SH
Net Weight (±100g):11400g Cycle Life: ⩾1000
Dimensions: 164(T) * 125(W) * 292(H) mm



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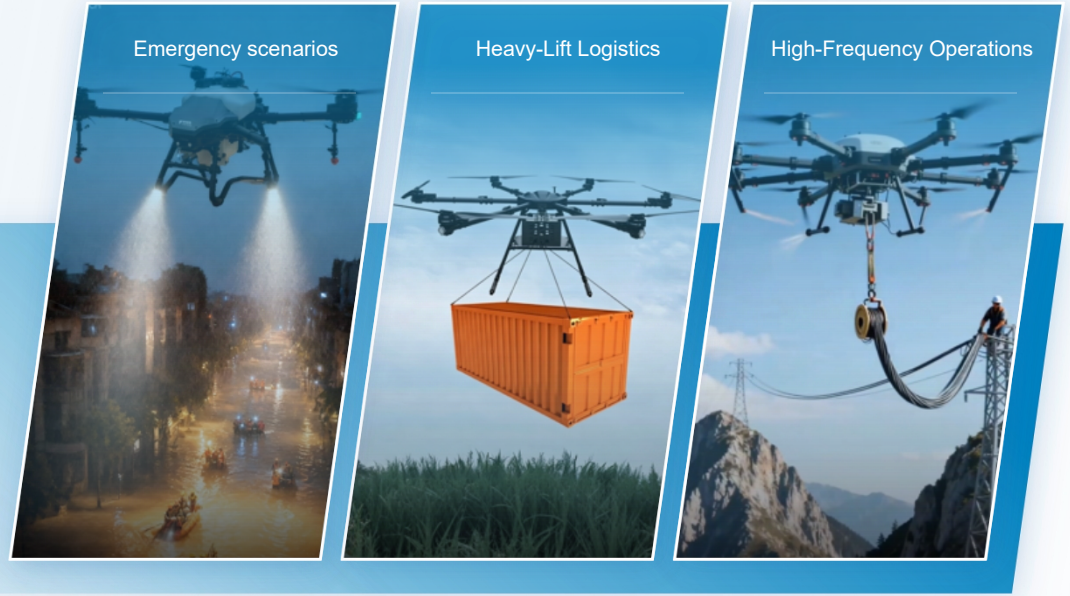
Product Matrix

Semi-Solid High-Energy Cell Series



03 Semi-Solid High-Energy Cell Series

Emergency scenarios / Heavy-Lift Logistics / High-Frequency Ops

Heavy-Lift Logistics | Emergency Communications | Extreme Temperatures | Long-Endurance Missions

Core Highlights: Semi-Solid Technology | 350 Wh/kg | -20~90°C Wide Temp | ≥1,000 Cycles

High-Energy-Density Semi-Solid Batteries

260/270/300/320/350 Wh/kg energy density, dual-voltage options, high safety, robust power, strong payload capability.

Ideal for: Surveying, logistics, emergency response, firefighting, security and more.

14S

Configuration	14S30Ah 1554Wh
Voltage	51.8V
Discharge	330A(10.4C)
Charge	135A(5.4C)
Cycle Life	⩾1000cycles@80%
Charge Temperature	0-70°C
Discharge Temperature	-20-90°C
Dimensions	158*92*213mm
Charge Time	9min(20%-95%)
Weight	6.24kg

18S

Configuration	18S56Ah 3729.6Wh
Voltage	66.6V
Discharge	340A(10.4C)
Charge	135A(5.4C)
Cycle Life	⩾1000cycles@80%
Charge Temperature	0-70°C
Discharge Temperature	-20-90°C
Dimensions	140*147*220mm
Charge Time	9min(20%-95%)
Weight	12.44kg

24S

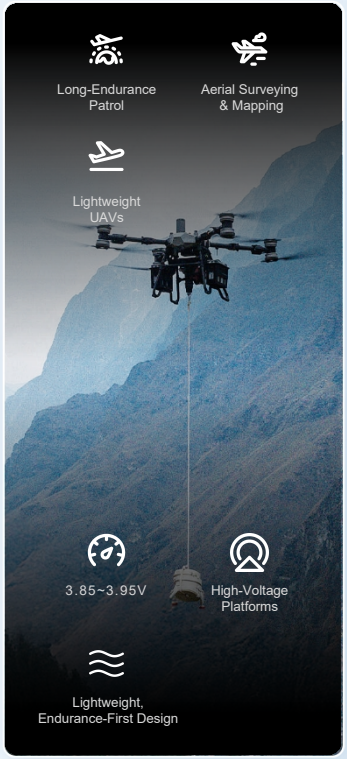
Configuration	24S36Ah 3196.8Wh
Voltage	88.8V
Discharge	340A(10.4C)
Charge	135A(5.4C)
Cycle Life	⩾1000cycles@80%
Charge Temperature	0-70°C
Discharge Temperature	-20-90°C
Dimensions	136*180*220mm
Charge Time	9min(20%-95%)
Weight	10.8kg

28S

Configuration	28S40Ah 4144Wh
Voltage	103.6V
Discharge	340A(10.4C)
Charge	135A(5.4C)
Cycle Life	⩾1000cycles@80%
Charge Temperature	0-70°C
Discharge Temperature	-20-90°C
Dimensions	168*214*226mm
Charge Time	9min(20%-95%)
Weight	17.2kg

03 High-Voltage High-Energy-Density Cell Series

Long-Endurance Patrol / Lightweight Payloads



VASTECH 10C 6S1P 23.7V 24500mAh

Max Charge Current: 1C
Type: P78110165EU
Net Weight (±100g): 2080g
Cycle Life: ⩾300
Dimensions: 51(T)*117(W)*182(H) mm

VASTECH 10C 12S1P 46.8V 28500mAh

Max Charge Current: 1C
Type: P90110165EV
Net Weight (±100g): 4700g
Cycle Life: ⩾100
Dimensions: 115(T)*117(W)*182(H) mm

VASTECH 10C 12S1P 47.4V 24500mAh

Max Charge Current: 1C
Type: P78110165EU
Net Weight (±100g):4000g
Cycle Life: ⩾300
Dimensions: 98(T)*117(W)*182(H) mm

VASTECH 10C 14S1P 54.6V 28500mAh

Max Charge Current: 1C
Type: P90110165EV
Net Weight (±100g): 5480g
Cycle Life: ⩾100
Dimensions: 136(T)*115(W)*182(H) mm

VASTECH 10C 14S1P 55.3V 24500mAh

Max Charge Current: 1C
Type: P78110165EU
Net Weight (±100g): 4650g
Cycle Life: ⩾300
Dimensions: 114(T)*117(W)*182(H) mm

VASTECH 8C 12S1P 47.4V 31000mAh

Max Charge Current: 1C
Type: P1090190EU
Net Weight (±100g): 5300g
Cycle Life: ⩾300
Dimensions: 67(T)*96(W)*208(H) mm

VASTECH 30C 6S1P 22.2V 16000mAh

Max Charge Current: 1C
Type: P90110165EV
Net Weight (±100g): 2410g
Cycle Life: ⩾100
Dimensions: 59(T)*117(W)*182(H) mm

VASTECH 8C 14S1P 55.3V 31000mAh

Max Charge Current: 1C
Type: P1090190EU
Net Weight (±100g): 6250g
Cycle Life: ⩾300
Dimensions: 134(T)*95(W)*208(H) mm

03 High-Energy-Density Long-Endurance Cell Series

Ultra-Long-Range Cruise / Large UAV Platforms

VASTECH 10C 14S1P 51.8V 26000mAh

Max Charge Current: 1C Type: T1074208E
Net Weight (±100g): 4600g Cycle Life: ⩾500
Dimensions: 150(T)*77(W)*228(H) mm

VASTECH 10C 12S1P 44.4V 31000mAh

Max Charge Current: 1C Type: T9990190E
Net Weight (±100g): 4700g Cycle Life: ⩾500
Dimensions: 141(T)*95(W)*212(H) mm

VASTECH 10C 12S1P 44.4V 30000mAh

Max Charge Current: 1C Type: T1190190E
Net Weight (±100g): 5200g Cycle Life: ⩾800
Dimensions: 141(T)*95(W)*212(H) mm

VASTECH 10C 14S1P 51.8V 31000mAh

Max Charge Current: 1C Type: T9990190E
Net Weight (±100g): 5060g Cycle Life: ⩾500
Dimensions: 152(T)*95(W)*212(H) mm

VASTECH 10C 14S1P 51.8V 30000mAh

Max Charge Current: 1C Type: T1190190E
Net Weight (±100g): 6100g Cycle Life: ⩾800
Dimensions: 162(T)*95(W)*212(H) mm

VASTECH 10C 18S1P 66.6V 31000mAh

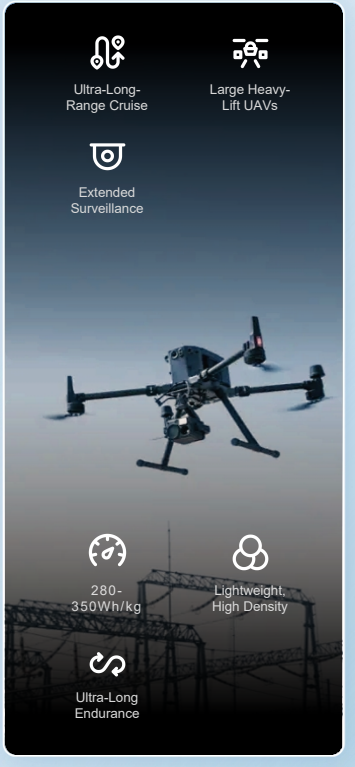
Max Charge Current: 1C Type: T9990190E
Net Weight (±100g): 6900g Cycle Life: ⩾500
Dimensions: 196(T)*95(W)*215(H) mm

VASTECH 10C 18S1P 66.6V 30000mAh

Max Charge Current: 1C Type: T1190190E
Net Weight (±100g): 4600g Cycle Life: ⩾800
Dimensions: 210(T)*95(W)*215(H) mm

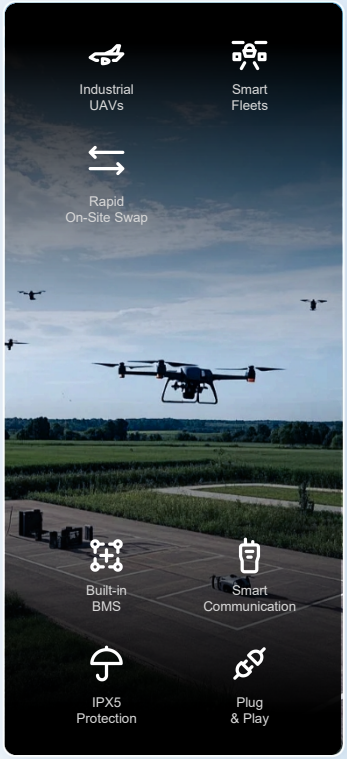
VASTECH 15C 12S1P 44.4V 33000mAh

Max Charge Current: 1C Type: T1190190K
Net Weight (±100g): 5160g Cycle Life: ⩾500
Dimensions: 138(T)*95(W)*212(H) mm



03 Smart Pouch/Swappable Battery Series

Industrial Fleets/Rapid Swap



VASTECH 10C 18S2P 66.6V 70000mAh

Max Charge Current: 1C | Type: T1190190EF
Net Weight (±100g): 15000g | Cycle Life: ⩾500
Dimensions: 215(T)*190(W)*220(H) mm

VASTECH 10C 24S2P 88.8V 70000mAh

Max Charge Current: 1C | Type: T1190190EF
Net Weight (±100g): 19800g | Cycle Life: ⩾500
Dimensions: 285(T)*190(W)*220(H) mm

VASTECH 15C 18S2P 66.6V 90000mAh

Max Charge Current: 1C | Type: T12105212K
Net Weight (±100g): 19800g | Cycle Life: ⩾500
Dimensions: 230(T)*220(W)*240(H) mm

VASTECH 15C 24S2P 88.8V 90000mAh

Max Charge Current: 1C | Type: T12105212K
Net Weight (±100g): 26300g | Cycle Life: ⩾500
Dimensions: 302(T)*220(W)*240(H) mm

VASTECH 25C 14S1P 53.2V 20000mAh

Max Charge Current: 5C | Type: P1090190SH
Net Weight (±100g): 5700g | Cycle Life: ⩾800
Dimensions: 150(T)*96(W)*255(H) mm

VASTECH 25C 14S1P 53.2V 22000mAh

Max Charge Current: 3C | Type: P1190190GH
Net Weight (±100g): 6400g | Cycle Life: ⩾600
Dimensions: 162(T)*93(W)*255(H) mm

VASTECH 25C 14S1P 53.2V 30000mAh

Max Charge Current: 5C | Type: P12105212SH
Net Weight (±100g): 8500g | Cycle Life: ⩾1000
Dimensions: 178(T)*113(W)*265(H) mm

VASTECH 15C 14S1P 51.8V 45000mAh

Max Charge Current: 1C | Type: T12105212K
Net Weight (±100g): 8300g | Cycle Life: ⩾800
Dimensions: 180(T)*113(W)*265(H) mm

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03

Product Matrix

Pouch & Swappable Batteries

03 Pouch & Swappable Batteries

Smart Battery Functions:

Smart fast charging • Battery self-balancing • Smart parallel one-key power-on • Ultra-low power consumption, maintenance-free all year • Proprietary SOX algorithm • Dual short-circuit protection • Board-level potting, IPX5 rated • Soft-start function

- Rapid Swap, Quick Replacement
- Smart Protocol Compatibility
- Robust Unibody Construction
- Built-in BMS, Status at a Glance

VASTECH 10C 14S 51.8V 31000mAh PRO

Max Charge Current: 1C
Type: T9990190E
Net Weight (±100g): 7900g
Cycle Life: ⩾300
Dimensions: 88(T)*234(W)*321(H) mm

VASTECH 10C 18S 69.3V 41000mAh

Max Charge Current: 1C
Type: P11105212EV
Net Weight (±100g): 13800g
Cycle Life: ⩾800
Dimensions: 120(T)*267(W)*308(H) mm

VASTECH 25C 18S1P 68.4V 40000mAh

Max Charge Current: 5C
Type: P11120270SH
Net Weight (±100g): 18100g
Cycle Life: ⩾1000
Dimensions: 120(T)*267(W)*386(H) mm

VASTECH 20C 18S 68.4V 47000mAh

Max Charge Current: 3C
Type: P12120270GH
Net Weight (±100g): 20600g
Cycle Life: ⩾600
Dimensions: 296(T)*223(W)*351(H) mm

VASTECH 15C 18S 66.6V 45000mAh

Max Charge Current: 1C
Type: T12105212K
Net Weight (±100g): 13500g
Cycle Life: ⩾500
Dimensions: 120(T)*267(W)*308(H) mm

03 Pouch & Swappable Batteries

Heavy-Lift Logistics / High-Frequency Operations

VASTECH 25C 14S1P 53.2V 21000mAh

Max Charge Current: 1C Type: P11105164SH
Net Weight (±100g):8200g Cycle Life: ⩾600
Dimensions: 88(T)*239(W)*260(H) mm

VASTECH 25C 14S1P 53.2V 30000mAh

Max Charge Current: 5C Type: P12105212SH
Net Weight (±100g):9760g Cycle Life: ⩾1000
Dimensions: 97.3(T)*242.3(W)*300.5(H) mm

VASTECH 25C 14S1P 51.8V 22000mAh

Max Charge Current: 2C Type: P1190190S4
Net Weight (±100g):8400g Cycle Life: ⩾600
Dimensions: 97.3(T)*242.3(W)*300.5(H) mm

VASTECH 25C 14S1P 53.2V 30000mAh PRO

Max Charge Current: 5C Type: P12105212SH
Net Weight (±100g):10300g Cycle Life: ⩾1000
Dimensions: 97.3(T)*242.3(W)*322(H) mm

VASTECH 25C 14S1P 53.2V 22000mAh

Max Charge Current: 3C Type: P1190190GH
Net Weight (±100g):7800g Cycle Life: ⩾600
Dimensions: 97.3(T)*242.3(W)*300.5(H) mm

VASTECH 25C 18S1P 68.4V 30000mAh

Max Charge Current: 5C Type: P12105212SH
Net Weight (±100g):13500g Cycle Life: ⩾500
Dimensions: 120(T)*267(W)*318(H) mm

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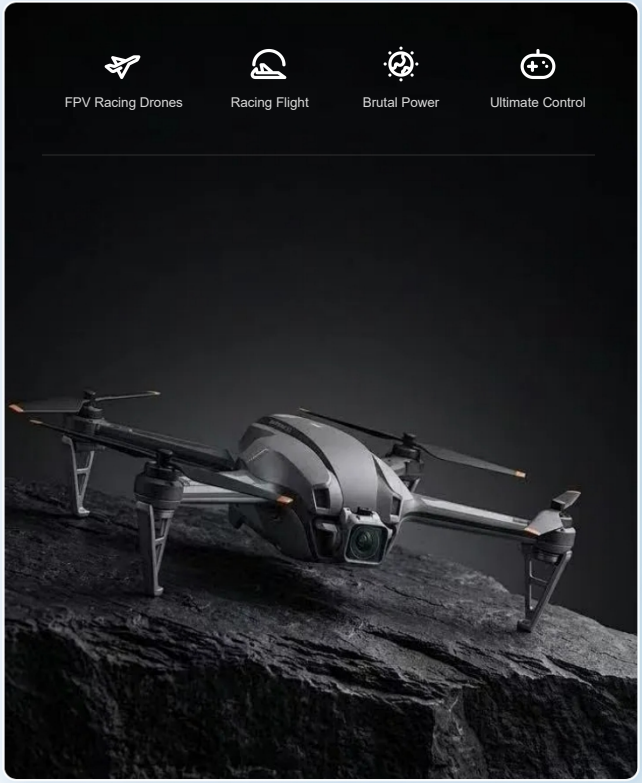
Product Matrix

FPV Racing Battery Series

03 FPV Racing Battery Series

Global FPV



VASTECH 20C 6S1P 23.1V 22000mAh

Max Charge Current: 1C
Type: P9590190KV
Net Weight (±100g): 2050g
Cycle Life: ⩾100
Dimensions: 60(T)*92(W)*202(H) mm

VASTECH 20C 8S1P 30.8V 22000mAh

Max Charge Current: 1C
Type: P9590190KV
Net Weight (±100g): 2750g
Cycle Life: ⩾100
Dimensions: 79(T)*92(W)*202(H) mm

VASTECH 20C 6S1P 23.4V 24000mAh

Max Charge Current: 2C
Type: P88110165KV
Net Weight (±100g): 2320g
Cycle Life: ⩾500
Dimensions: 57(T)*113(W)*180(H) mm

VASTECH 20C 8S1P 31.2V 24000mAh

Max Charge Current: 2C
Type: P88110165KV
Net Weight (±100g): 3150g
Cycle Life: ⩾500
Dimensions: 75(T)*113(W)*180(H) mm

03 FPV Racing Battery Series

Global FPV

VASTECH 100C 6S1P 22.2V 5000mAh

Max Charge Current: 2C Type: T9045135Z
Net Weight (±100g):760g Cycle Life: ⩾400
Dimensions: 56(T)*48(W)*150(H) mm

VASTECH 100C 6S1P 22.8V 8000mAh

Max Charge Current: 2C Type: P1245135KH
Net Weight (±100g):1034g Cycle Life: ⩾300
Dimensions: 76(T)*48(W)*150(H) mm

VASTECH 100C 8S1P 29.6V 5000mAh

Max Charge Current: 2C Type: T9045135Z
Net Weight (±100g):1020g Cycle Life: ⩾400
Dimensions: 74(T)*48(W)*150(H) mm

VASTECH 100C 8S1P 30.4V 8000mAh

Max Charge Current: 2C Type: P1245135KH
Net Weight (±100g):1400g Cycle Life: ⩾300
Dimensions: 101(T)*48(W)*150(H) mm

VASTECH 100C 6S1P 22.8V 7500mAh

Max Charge Current: 2C Type: P1143126KH
Net Weight (±100g):890g Cycle Life: ⩾500
Dimensions: 70(T)*46(W)*142(H) mm

VASTECH 100C 6S 23.1V 8500mAh

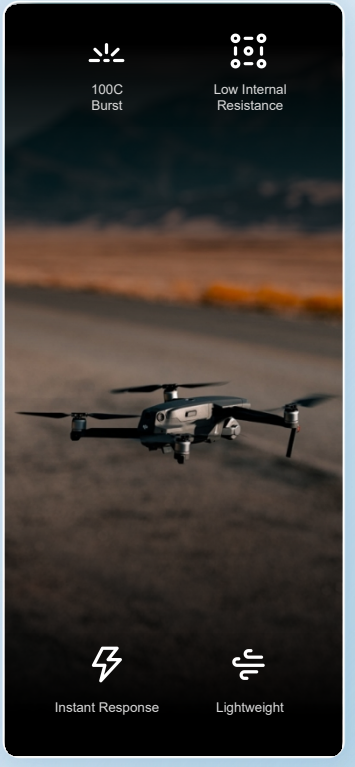
Max Charge Current: 2C Type: P1243126KV
Net Weight (±100g):920g Cycle Life: ⩾500
Dimensions: 76(T)*46(W)*142(H) mm

VASTECH 100C 8S1P 30.4V 7500mAh

Max Charge Current: 2C Type: P1143126KH
Net Weight (±100g):1200g Cycle Life: ⩾500
Dimensions: 92(T)*46(W)*142(H) mm

VASTECH 100C 8S 30.8V 8500mAh

Max Charge Current: 2C Type: P1243126KV
Net Weight (±100g):1250g Cycle Life: ⩾500
Dimensions: 101(T)*46(W)*142(H) mm



03 Smart Charger Series

Full Lineup Fast Charging

Centralized Fast Charging for Full Drone Battery Series

Fleet Operations

Core Highlights: High Power | Multi-Channel | Parameter Visibility | Full Protection

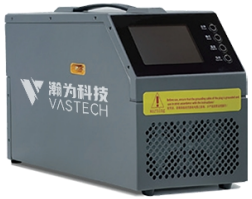
VASTECH 3000W Charger

Input Voltage:	AC220V 50-60Hz
Channels:	4
Charging Power:	3000 W
Charging Current:	60A
Operating Temperature:	5-45°C
Battery Series:	12-14S
Battery Type:	LiPo / LiHV
Output Model:	AS150U-M

VASTECH 7200W Charger

Input Voltage:	AC100-290V 50-60Hz
Channels:	2
Charging Power:	7200 W
Charging Current:	96A
Operating Temperature:	5-45°C
Battery Series:	18S
Battery Type:	LiPo / LiHV
Output Model:	T50-300

VASTECH 7200W Charger



Input Voltage:	AC100-290V 50-60Hz
Channels:	2
Charging Power:	7200 W
Charging Current:	96A
Operating Temperature:	5-45°C
Battery Series:	14-18S
Battery Type:	LiPo / LiHV
Output Model:	T50-300

VASTECH 10800W Charger

Input Voltage:	AC100-290V 50-60Hz
Channels:	2
Charging Power:	10800 W
Charging Current:	144A
Operating Temperature:	5-45°C
Battery Series:	8S
Battery Type:	LiPo / LiHV
Output Model:	T50-300

04 Customized Services and Contact

Safe Cells with Robust Performance

—— VASTECH, the New Benchmark in Low-Altitude Power

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- VASTECH welcomes inquiries about detailed specs and custom options. Cells and connectors (e.g., AS150U, XT60, QS8) can be tailored to your requirements.
- Images are for illustrative purposes only. Some parameters are based on theoretical cell data. Actual product appearance and specs are subject to the delivered unit. VASTECH reserves the right of final interpretation.
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