VOLTHERM INNOVATION PVT. LTD.

Trusted Sustainability Partners

High Discharge Lithium-ion Battery Packs For Drones



Designed for high-performance **aerial applications**, our drone battery packs combine advanced lithium technology with precision engineering to deliver exceptional power, lightweight performance, and extended flight time. Built for durability and efficiency, our battery packs are the trusted choice for commercial, industrial, and professional drone applications..

KEY FEATURES

- ✓ Customized Configuration available.
- ✓ High Discharge Rate suitable for Drone Applications.
- ✓ Better performance than LiPO batteries.
- ✓ High thermal stability, high reliability.
- ✓ Low impedance / internal resistance.
- ✓ Copper-Nickel Strip bus bar.
- ✓ Balanced battery pack performance.

High Energy Density

High Discharge

Thermal Stability

Areal Application

Plot No:- B 5/2 Electronics Estate,
Sector 25 GIDC Gandhinagar,
Gujarat382024

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TECHNICAL FEATURES

SPECIFICATIONS								
Model	Nominal Voltage (V)	Capacity (mAh)	Cut-off Voltage	Max Continuous Discharge (A)	Peak Discharge (A)	Std. Charge Current (A)	Weight (gm)	Dimension (mm)
VT14042	14.4	4200	12-14.8	21	42	3	~300	92x23x75
VT14084		8400	12-14.8	42	80	5	~600	92x46x75
VT14126		12600	12-14.8	65	120	8	~900	92x69x75
VT14210		21000	12-14.8	105	210	15	~1440	92x115x75
VT14252		25200	12-14.8	125	250	20	~1728	92x138x75
VT14336		33600	12-14.8	170	330	25	~2384	92x184x75
VT14420		42000	12-14.8	210	400	30	~2980	92x230x75
VT14CUS		Custom	12-14.8	Custom	-	Custom	-	-
VT21042	21.6	4200	12-14.8	21	42	3	~300	138x23x75
VT21084		8400	12-14.8	42	80	5	~600	138x46x75
VT21126		12600	12-14.8	65	120	8	~900	138x69x75
VT21210		21000	12-14.8	105	210	15	~1440	138x115x75
VT21252		25200	12-14.8	125	250	20	~1728	138x138x75
VT21336		33600	12-14.8	170	330	25	~2384	138x184x75
VT21420		42000	12-14.8	210	400	30	~2980	138x230x75
VT21CUS		Custom	12-14.8	Custom	-	Custom	-	-

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CUSTOM MODEL

SPECIFICATIONS	
Nominal Voltage:	7.2 to 100.8 V
Cell Chemistry:	Li-ion / Solid-State / LiPO
Capacity:	4200 to 60000 mAh or More
Max Continuous Discharge:	Up to 350A or More
Peak Discharge :	Up to 500A or More
Std. Charge Current:	CC-CV charge, 250mA Cut
Max Charge Current:	Up to 2C
MECHANICAL SPECIFICATIONS	
Dimensions:	Custom
Weight:	250 - 400Wh/Kg / Custom
Enclosure:	Soft Pack / Aluminum / Custom
Connector:	XT-30, XT-60, XT-90S AS-150, AS-120U, AS150U / Custom
Wire:	6 / 8 / 10 AWG (As Required)
Handle:	Custom
IP Rating:	Custom

* The data presented is for reference purposes only. Please contact us for detailed specifications or customized solutions tailored to your application

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