



JEDI

FOREIGN TRADE



WHO IS JEDI?

Jedi is a company that specializes in providing comprehensive solutions for all trading models. We know that dealing with obstacles of international trade can be daunting. So; as a reliable business partner, we are here to support you in all your corporate purchasing and supply chain management processes, with over 20 years of experience. Our team, specialized in their respective sectors, is at your service for the cost effective management of your sourcing, logistics solutions and customs clearance processes.

PRODUCTS

1-LITHIUM-ION CELLS

2-PRISMATIC CELLS

3-MOTOR - ESC - PROPELLERS

4-MILITARY STD CONNECTORS

5-ELECTRONIC COMPONENTS

6-LIDAR SENSORS



JEDI NMC & LFP CELL LIST

Chemistry	Model	Nominal Voltage(V)	Capacity(Ah)	Dimension (mm)			Weight(g)	Charge	Discharge		Energy
								C-rate (C)	C-rate (C)		Density
				W	L	T		Continuous	Continuous	Pulse	(Wh/kg)
NMC	SPB58253172P4	3.7	25	253	172	5.8	520	0.5	5	7	178
	SPB58253172V4	3.7	30	253	172	5.8	510	0.3	1	2	214
	ET1123100302E80A	3.7	30	302	100	12.3	850	0.3	2	3	260
	SLPB8286274HE	3.68	30	86	274	8.2	425	1	2	5	260
	SLPB85190224HP2	3.7	30	199	224	8.5	750	3	20	30	148
	KCL216057PN1	3.68	57	226	227	11.4	1,110	3	8	10	190
	KCL216060EN1	3.68	60	226	227	11.2	1,077	2	3	5	205
	KCL255085PN1	3.68	85	268	265	11.9	1,755	3	8	12	194
	KCL255103EN1	3.68	103	268	265	12.8	1,738	1	2	3	218
	E777	3.65	77	530	100	8.6	1,070	0.5	1	2	260
LFP	BAKCBBK100	3.2	100	220.3	117.5	41	2,080	1.5	2	3	154
	BAKCBBL150	3.2	150	220.3	117.5	60.5	2,980	1.5	2	2.67	161
	BAKCBBK280	3.2	280	174	207.2	71.7	5,430	1.0	1.5	2	165

LITHIUM ION CELLS

ROUTEJADE



SLPB

Superior Lithium-ion Polymer Battery

SLPB is a High C-Rate product optimized for high power applications. We provide a wide range of options up to 10Ah, and even under 1Ah, with 15~30C. And they have been applied to Medical Device, RC Helicopter, industrial equipment, or anywhere electricity needed around the world.



SLPB SERIES NMC POUCH CELLS

ROUTEJADE

SLPB

Model	Capacity (Ah)	Voltage (V)	Weight /Max.	Dimensions(mm)			Max Discharge Rate(C)	
				T	W	L	Continuous	Pulse
SLPB483459HP1	0.82Ah	3.68	18.5g	4.8	34	60	15	22.5
SLPB593459HP1	1.05Ah	3.68	23g	5.9	34	60	15	22.5
SLPB753870HP2	1.65Ah	3.68	39g	7.5	38.5	73	20	30
SLPB7543128HP2	3.6Ah	3.68	82g	7.5	43	128	20	30
SLPB784374HP1	2.2Ah	3.68	48g	7.8	43	75	15	22.5
SLPB11543140HP3	5.3Ah	3.68	129g	11.3	43.5	140	30	45
SLPB356495HE	2.5Ah	3.68	45g	3.6	64	95.5	2	5
SLPB526495HE	3.7Ah	3.68	65g	5.2	64	95.5	2	5
SLPB796495HE	5.9Ah	3.68	100g	7.9	64	97	2	5
SLPB70106100HE	10.0Ah	3.68	165g	7.1	106	102	2	5
SLPB75106100HP	9.0Ah	3.68	167g	7.5	106	102	5	10
SLPB98106100HE	12.5Ah	3.68	220g	9.9	106	103	2	5

FLPB SERIES POUCH CELLS

ROUTEJADE



FLPB

Flexible Lithium-ion Polymer Battery

As the energy solution for tiny sized IT/Mobile devices, FLPB series are developed to be suitable for a various devices like headset, HMD, Activity tracker and it's applicable to diverse wearable applications.



FLPB SERIES POUCH CELLS

ROUTEJADE

FLPB (Pouch battery series)

Model	Capacity (mAh)	Voltage (V)	Weight /Max.	Dimensions(mm)		
				T	W	L
FLPB301220	48	3.7	1.2g	3.0	12.8	20.0
FLPB381220	68	3.7	1.6g	3.8	13.0	20.0
FLPB501220	85	3.7	2.0g	4.8	13.0	20.0
FLPB231723	95	3.87	1.8g	2.1	17.5	24.4
FLPB301031	76	3.8	1.8g	3.0	10.2	29.1
FLPB251630	100	3.8	2.1g	2.6	16.7	29.1
FLPB352030	200	3.8	3.7g	3.2	20.2	29.4
FLPB462536	450	3.8	8.0g	4.4	25.5	35.1
FLPB551831	300	3.7	6.0g	5.2	20.0	31.5

SOLAREGE (KOKAM) POUCH CELLS LIST



60AH
216216



85AH
255255



103AH
165355, 255255



114AH
165355

High Energy, High Power Battery Cells

Model			KCL216060EN1	KCL255085PN1	KCL255103EN1	KCL355103ES0*	KCL355114ES0*	Remark
Nominal Capacity (Ah)			60	85	103	103	114	
Average Voltage (Vdc)			3.68	3.68	3.68	3.68	3.68	
Nominal Energy (Wh)			220.8	312.8	378.9	379.0	419.5	
Dimension, W x L x T (mm)			226 x 227 x 11.2	268 x 265 x 11.9	268 x 265 x 12.8	177 x 357 x 14.3	177 x 357 x 15.6	
Energy Density	Gravity (Wh/kg)		205	194	218	216	220	
	Volume (Wh/L)		493	465	523	526	535	Excluded tab and seal
Current (A)	Charge	Cont.	120 (2C)	255 (3C)	103 (1C)	103 (1C)	114 (1C)	@25±3°C
	Discharge	Cont.	180 (3C)	680 (8C)	206 (2C)	206 (2C)	228 (2C)	
		Peak		300 (5C)	1,020 (12C)	309 (3C)	309 (3C)	342 (3C)
Cycle Life at 90% DOD			≥ 6,000	≥ 6,000	≥ 6,000	≥ 6,000	≥ 6,000	@25±3°C, 70% remaining capacity
Certification			UN 38.3, UL 1642	UN 38.3, UL1642, UL1973, IEC 62619		UN 38.3, UL1642, UL1973, IEC62619, IEC 62620, UL 9540A		

WELION LFP POUCH CELLS LIST

High Energy Density
Semi-Solid State Battery



Energy Storage Solid State Battery 45Ah SHS150

Product parameter

Specifications	
Cell Chemistry	Mixed Solid-liquid LFP
Gravimetric Power	≥150Wh/kg
Nominal Capacity	45Ah
Nominal Voltage	3.2V
Standard Charge/Discharge Rate	0.5P
Dimensions(D*W*H)	359*117*11.7mm
Cycle Life	≥8000 cycles(100% DOD@0.5P)
Operating Temperature	-20°C~60°C
Weight	960g

280 AH LFP PRISMATIC CELLS



Energy Storage Solid State Battery 280Ah SHS165

Product parameter

Specifications	
Cell Chemistry	Mixed Solid-liquid LFP
Gravimetric Power	≥165Wh/kg
Nominal Capacity	280Ah
Nominal Voltage	3.2V
Standard Charge/Discharge Rate	0.5P
Dimensions(D*W*H)	173.6*71.6*207mm
Cycle Life	≥6000 cycles(0.5P/0.5P,100%DOD@25°C)
Operating Temperature	-20°C~80°C
Weight	8450g

ENERTECH POUCH CELLS LIST



Item		SPB8060155V1	SPB59253172 PG1	SPB58253172 P25B	ETI123100302 P55A
Nominal Capacity		7.9Ah	16.0 Ah	25.0 Ah	55.0 Ah
Energy Density	volumetric	393 Wh/l	227 Wh/l	366 Wh/l	548 Wh/l
	Gravimetric	191 Wh/kg	130 Wh/kg	178 Wh/kg	248 Wh/kg
Weight		≤ 150g	≤ 450 g	≤ 520g	≤ 820g
Nominal Voltage		3.70V	3.65V	3.70V	3.70V
Operating Voltage Range	Max.	4.20 V	4.10 V	4.20 V	4.20 V
	Min.	2.80V	2.50 V	2.70V	2.70V
Standart Current	Charge	3.95A	5.3A	12.5A	27.5A
	Discharge	3.95A	5.3A	12.5A	27.5A
Maximum Current	Charge	15.8A	80A	75.0A	110.0A
	Discharge	63.2 A	80A	125.0A	220.0A
	Peak Discharge	-	250 A (<10s)	175.0 A (<10s)	330.0 A (<60s)
Internal Resistance		< 5 mΩ	< 1mΩ	< 1.5mΩ	< 2.0mΩ
Operating Temperature	Charge	0°C ~ 45°C	0°C ~ 55°C	0°C ~ 55°C	0°C ~ 55°C
	Discharge	-20°C to 55°C	-20°C to 55°C	-20°C to 55°C	-20°C to 55°C
	Recommend	25 ± 3°C	25 ± 3°C	25 ± 3°C	25 ± 3°C
Storage Temperature	< 1 month	-10°C to 50°C	-20°C to 55°C	-20°C to 55°C	-20°C to 55°C
	< 1 year	0°C ~ 25°C	0°C ~ 25°C	0°C ~ 25°C	-20°C ~ 25°C
Storage Humidity		45~85%RH	45~85%RH	45~85%RH	45~85%RH
Cell Dimensions	Thickness	8.0mm +0.0 / -0.6mm	5.9mm +0.1 / -0.4mm	5.8mm + 0.2 / - 0.4mm	12.3mm ± 0.2mm
	Width	60.0mm +1.0 / -2.0mm	253mm ± 1.0mm	253mm ± 1mm	100mm ± 1mm
	Length	155.0mm +2.0 / -1.0mm	172mm ± 1.0mm	172mm ± 1mm	302mm ± 1mm

ENERTECH POUCH CELL LIST



Item		SPB70115145V1	SPB58253172V2	SPB58253172V3	SPB58253172 E30B	ETI123100302 E60A
Nominal Capacity		12 Ah	21.0 Ah	25.0 Ah	30.0 Ah	60.0 Ah
Energy Density	Volumetric	380 Wh/ℓ	312 Wh/ℓ	366 Wh/ℓ	440 Wh/ℓ	598 Wh/ℓ
	Gravimetric	185 Wh/kg	164 Wh/kg	199 Wh/kg	214 Wh/kg	265 Wh/kg
Weight		≤ 240 g	≤ 480 g	≤ 480 g	≤ 510 g	≤ 835 g
Nominal Voltage		3.70 V	3.75 V	3.70 V	3.70 V	3.70 V
Operating Voltage Range	Max.	4.20 V	4.20 V	4.20 V	4.20 V	4.20 V
	Min.	3.00 V	3.00 V	2.70 V	2.70 V	2.70 V
Standart Current	Charge	6.0 A	10.5A	8.3 A	9.0A	18.0A
	Discharge	6.0 A	10.5A	8.3 A	9.0A	18.0A
Maximum Current	Charge	12.0 A	63.0 A	50.0 A	30.0 A	90.0 A
	Discharge	24.0 A	105.0 A	75.0 A	60.0 A	120.0 A
	Peak Discharge	-	147.0A (< 10s)	125 A (< 10s)	90.0 A (< 10s)	180.0 A (< 60s)
Internal Resistance		< 3.0mΩ	< 2mΩ	< 2mΩ	< 2mΩ	< 1.5mΩ
Operating Temperature	Charge	0°C ~ 45°C	0°C ~ 55°C	0°C ~ 55°C	0°C ~ 55°C	0°C ~ 55°C
	Discharge	-20°C ~ 55°C	-20°C ~ 55°C	-20°C ~ 55°C	-20°C ~ 55°C	-20°C ~ 55°C
	Recommend	25 ± 3°C	25 ± 3°C	25 ± 3°C	25 ± 3°C	25 ± 3°C
Storage Temperature	< 1 month	-20°C ~ 55°C	-20°C ~ 55°C	-20°C ~ 55°C	-20°C ~ 55°C	-20°C ~ 55°C
	< 1 year	0°C ~ 25°C	0°C ~ 25°C	0°C ~ 25°C	0°C ~ 25°C	-20°C ~ 25°C
Storage Humidity		45 ~ 85%RH	45 ~ 85%RH	45 ~ 85%RH	45 ~ 85%RH	45 ~ 85%RH
Cell Dimensions	Thickness	7.0mm + 0.0/- 0.5mm	5.8mm + 0.2 / - 0.4mm	5.8mm + 0.2 / - 0.4mm	5.8mm + 0.2 / - 0.4mm	12.3mm ± 0.2mm
	Width	115mm ± 2mm	253mm ± 1mm	253mm ± 1mm	253mm ± 1mm	100mm ± 1mm
	Length	145mm ± 2mm	192mm ± 1mm	192mm ± 1mm	172mm ± 1mm	302mm ± 1mm

APPLICATIONS

Applications



T-MOTOR PRODUCTS



LIGHT AND FLEXIBLE

Specially designed for F3P



KV 1800 MOTOR

Efficiency increase by 15%+

*14 Patents *Match with ultra-light propellers
*Sine wave features *FOC ESC *Silver winding





KV 120 MOTOR

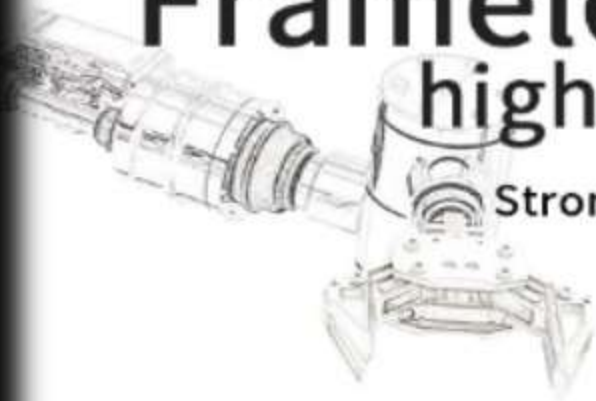


V602 – V 605 MOTOR

T-MOTOR TORQUE MOTOR

Frameless motor with high torque density

Strong dynamic ,Delicate work



ESC (ELECTRONIC SPEED CONTROLLER)



COMPREHENSIVE FLIGHT DATA
**COLLECTION
AND
TELEMETRY**

keep an eye on flight status

Parameter	Current	Max. Value
Battery Voltage	7.4V	0.0V
Motor Temperature	28°C	11.6V
Motor RPM	7650rpm	31mAh



PRESET ALARM
COMPREHENSIVE FLIGHT DATA
COLLECTION AND TELEMETRY
KEEP AN EYE ON FLYING STATUS

Parameter	Current	Max. Value
Battery Voltage	7.4V	0.0V
Motor Temperature	37°C	23.1V
Motor RPM	11490rpm	18mAh

HIGH-PRECISION PERFORMANCE WITH ZERO LATENCY

Using the **BLHEL132-bit** program
in conjunction with the **STM32F051** processor,
the main frequency is up to **48MHz**,
and the control fineness of the ESC is far greater
than the traditional square wave ESC, pilots obtain
a quicker, precise and linear flying.

CONCEALED STRAP DESIGN WITH ACTIVE HEAT DISSIPATION



FOR YOUR SAFETY

The Fearless Challenge

Fixed wing ESC, support 2-3S battery



ESC (ELECTRONIC SPEED CONTROLLER)

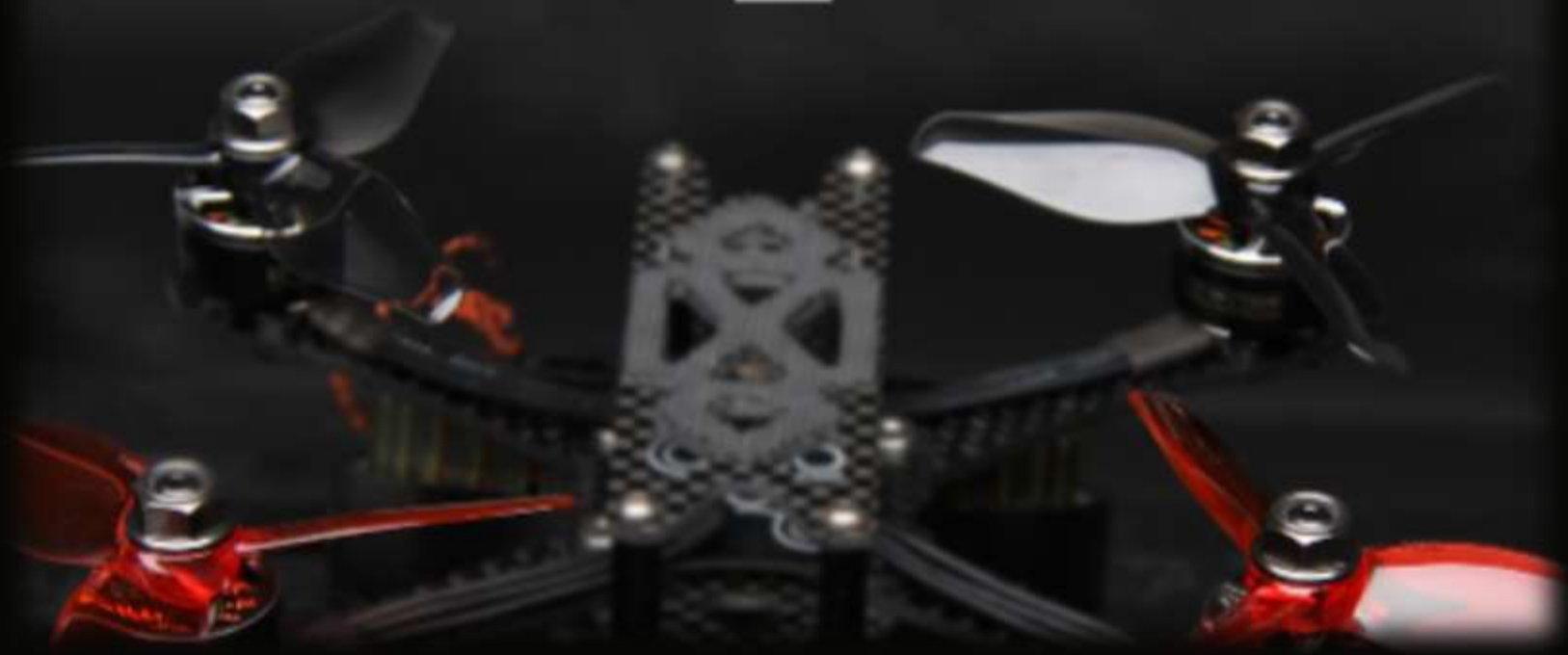
FOR YOUR SAFETY

The Fearless Challenge

Fixed wing ESC, support 6-14S battery



HIGH EFFICIENCY



ENHANCED BLADE ROOT FOR SAFE FLIGHT



SAFE FLIGHT



GOOD MATERIAL



PROPELLER GROUP



D38999 ASKERİ
KONNEKTÖRLER





AMPHENOL / ITT CANNON /
LEMO / HARWIN / TE
CONNECTIVITY / CONESYS
CONNECTORS



ELEKTRONIC COMPONENTS

*SOME OF OUR PARTNERS AND MANUFACTURERS WHICH WE
ARE WORKING IN EUROPEAN, US AND FAR EAST MARKETS*

1-PEI GENESIS

2-TTI

3-AMPHENOL

4-TDK

5-VISHAY

6-HONEYWELL

7-WAGO

8-MOLEX

9-OMRON

10-NXP

11-ANALOG DEVICES

12-SAMTEC

13-TE CONNECTIVITY

14-TOSHIBA

15-SENSATA

16-INFINEON

17-FISCHER

18-MICROCHIP

19-ONSEMI

20-TEXAS INS.

21-POWER INT.

22-TYCO ELEC.



Applications

AGL (above ground level), Autonomous take-off and landing, Terrain following, Position hold, Vehicle & pedestrian counting, Inventory management, Profiling vehicle shapes

[View product guide](#)



The industry standard

100 meter microLiDAR*

The LW20/C is the industry standard for 100 meter range capability, reliability, and ease of use

Environmental protection

IP67 rated sensor

Dust and water-resistant for external mounting without needing additional protection

Dust penetration

First and last pulse detection

Improved performance in difficult environmental conditions, including dust, mist, fog, rain and snow

LW20/C (100 m) Specifications



Wavelength

905 nm



LiDAR type

Static single beam



Range

0.2 ... 100 m / 0.6 ... 328 ft



Update rate

48 ... 5000 readings per second



Signal processing

First and last pulse available



Weight

19 g / 0.69 oz



Size

30 mm x 20 mm x 43 mm
1.2 in x 0.8 in x 1.7 in



Interfaces

Serial UART & I2C (3.3 V TTL, 5 V tolerant)



Integration

PX4, ArduPilot, Arduino, Raspberry Pi and
LightWare Studio



LIGHTWARE
LIDAR
(SENSOR)

Applications

AGL (above ground level), Terrain following, Autonomous take-off and landing, Profiling vehicle shapes

[View product guide](#)



The range you need

100 meter microLiDAR®

The SF11/C is easy to use for measuring above ground level up to 100 meters

Solid support

Autopilot compatibility

This microLiDAR® sensor can easily be integrated with the PX4, Ardupilot, Arduino, or Raspberry Pi

Reduced complexity

Plug and play

The SF11/C was the first microLiDAR® sensor to offer advanced user-friendliness and simplicity

SF11/C (100 m) Specifications



Wavelength

905 nm



LiDAR type

Static single beam



Range

0.2 ... 100 m / 0.6 ... 328 ft



Update rate

20 readings per second



Signal processing

First pulse only



Weight

29.96 g / 1.06 oz



Size

30 mm x 56 mm x 50 mm
1.2 in x 2.2 in x 2 in



Interfaces

USB, Serial UART & I2C (3.3 V TTL, 5 V tolerant)



Integration

PX4, ArduPilot, Arduino, Raspberry Pi & LightWare Studio



LIGHTWARE
LiDAR
(SENSOR)

AGL (above ground level), Terrain following, Detect and avoid, BVLOS, Safety, Security, Volumetric measurement

[View product guide](#)



Long range capability

200 m microLiDAR*

Reliable performance over a 200 meter range, making this the lightest 200 meter lidar in the world

Super-fast

20 000 readings per second

At an incredible 20 000 readings per second maximum update rate, this sensor is sure to detect any obstacles in its path

Height above water

First and last pulse detection

The SF30/D's high update rate combined with the powerful laser ensures reliable altimetry over water surfaces

LIGHTWARE
LIDAR
(SENSOR)

SF30/D (200 m) Specifications



Wavelength

905 nm



LiDAR type

Static single beam



Range

0.2 ... 200 m / 0.6 ... 656 ft



Update rate

39 ... 20 000 readings per second



Signal processing

First and last pulse available



Weight

31.5 g / 1.11 oz



Size



Interfaces



Integration



THANK YOU!



JEDI TEAM



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