



Melasta Batteries

Shenzhen Melasta Battery Co.,Ltd

Melasta-A Professional Portable Power Solutions Provider

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melasta®


melasta®

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Pioneering Consumer Battery Solutions

Established in 2008, Melasta has rapidly become a leading provider of portable power solutions and a top manufacturer of lithium-ion batteries. We cater to a wide range of sectors, including electronics, medical devices, robotics, and consumer electronics, offering products such as UAV batteries, RC batteries, iRobot vacuum cleaner replacements, and custom LiPo batteries. Our commitment to innovation and quality is reflected in our extensive product range, from consumer batteries to specialized industrial applications like power banks and tailor-made battery packs. Additionally, our batteries are utilized in military applications, showcasing the versatility and reliability of our custom solutions. We adhere to strict quality control standards from raw materials to finished products. Melasta holds ISO9001, ISO14001, ISO13485 certifications and boasts international product certifications such as UL, CB, KC, PSE, FCC, CE, UN38.3, IEC62133, and etc. ensuring unparalleled reliability and safety.



2+
R&D
Centers

3+
Production
Plants

8+
Modern
Production Lines

40+
Engineers &
Technicians

50+
International
Patents

1.5MWh+
Monthly
Output

Why Choose Melasta?



01. Industry Expertise

Over 16 years in the battery manufacturing industry.



02. Patent Portfolio

Holds more than 50 patents in battery technology.



03. Eight Modern production lines

Operates 8 Modern production lines for efficient manufacturing.



04. Custom Solutions

Offers tailored battery solutions to meet specific needs.



05. BMS Customization

Provides customized Battery Management Systems for optimal performance.



06. Certification Excellence

Holds international certifications for safety and quality.



07. R&D Pioneer

Invests significantly in research and development for innovation.



08. Quality Assurance

State-of-the-art lab for comprehensive quality checks.



09. Industry Alliances

Collaborates with Panasonic, Samsung, LG, SONY, BAK, and Lishen.

Deep Cycle Lithium iron Phosphate Battery

Melasta provides a range of 6 to 48 V LiFePO4 batteries, designed as efficient and easy-to-install replacements for traditional lead-acid batteries. These versatile batteries are engineered for a variety of applications, featuring an integrated BMS for enhanced performance and safety. They also support multiple communication protocols, including Bluetooth, Wi-Fi, and RS485, ensuring seamless connectivity and control.

2X
The power of traditional batteries

1/3
The weight and space

100%
safe and reliable

4X
Cycle life

5X
Charge up to 5X Faster

100%
Useable capacity



风云电源，相伴相随！

► Deep Cycle Lithium iron Phosphate

Model No.	Nominal Voltage	Capacity (Ah)	Charge Current(A)	Discharge Current(A)	Peak Current(A)	Weight (kg)	Dimension (L*W*H)mm	Terminal	Communication Protocol
MB0604F	6V	4Ah	4A	10A	15A	0.25	70*47*100	F2	Bluetooth (Wi-Fi optional)
MB0606F	6V	6Ah	5A	10A	10A	0.35	70*47*100	F2	Bluetooth (Wi-Fi optional)
MB1206F	12V	6Ah	3A	6A	9A	0.69	90*70*101	F2	Bluetooth (Wi-Fi optional)
MB1208F	12V	8Ah	8A	10A	15A	0.9	150*65*94	F2	Bluetooth (Wi-Fi optional)
MB1209F	12V	9Ah	9A	9A	14A	1.15	151*65*99	T2	Bluetooth (Wi-Fi optional)
MB1212F	12V	12Ah	6A	12A	18A	1.38	151*99*94	F2	Bluetooth (Wi-Fi optional)
MB1218F	12V	18Ah	18A	18A	27A	2.4	181.5*77*167.5	M4	Bluetooth (Wi-Fi optional)
MB1230F	12V	30Ah	30A	30A	45A	3.7	195*133*171	M6	Bluetooth (Wi-Fi optional)
MB1250F	12V	50Ah	50A	50A	75A	7	257*132*200	M6	Bluetooth (Wi-Fi optional)
MB12100F	12V	100Ah	100A	100A	150A	13.1	330*173*220	M8	Bluetooth (Wi-Fi optional)
MB12150F	12V	150Ah	120A	120A	180A	18.9	483*170*238.5	M8	Bluetooth (Wi-Fi optional)
MB12200F	12V	200Ah	120A	120A	180A	24.2	522*240*224	M8	Bluetooth (Wi-Fi optional)
MB2404F	24V	4Ah	4A	4A	6A	1.21	151*98*101	T2	Bluetooth (Wi-Fi optional)
MB2430F	24V	30Ah	30A	30A	45A	8.5	260*168*214	M7	Bluetooth (Wi-Fi optional)
MB2450F	24V	50Ah	50A	50A	75A	15	330*170*214	M8	Bluetooth (Wi-Fi optional)
MB24100F	24V	100Ah	100A	100A	150A	29.6	522*240*224	M8	Bluetooth (Wi-Fi optional)
MB24125F	24V	125Ah	125A	125A	188A	35.7	522*268*226	M9	Bluetooth (Wi-Fi optional)
MB24150F	24V	150Ah	150A	150A	225A	38.6	400*330*173	M6	Bluetooth (Wi-Fi optional)
MB24200F	24V	200Ah	100A	100A	150A	43	442*450*160	M6	Bluetooth (Wi-Fi optional)
MB24300F	24V	300Ah	150A	150A	225A	52	500*442*210	M6	Bluetooth (Wi-Fi optional)

► Compatible With



Jump Starter



UPS



Recreational Vehicles (RVs)



Golf Carts



Forklift



Marine Applications



Medical Equipment Backup Power



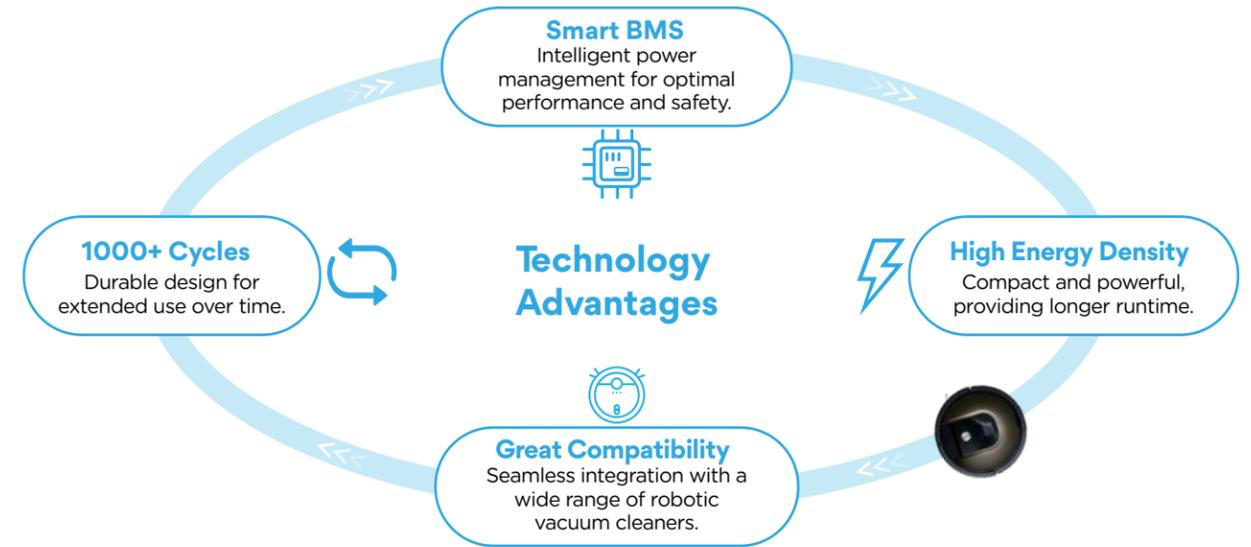
Lawn and Garden Tools



Industrial Cleaner

Excellent Vacuum Cleaner Battery

Melasta's advanced vacuum cleaner battery is expertly designed for top brands like Roomba, Tesvor, Conga, iLife, and Xiaomi, delivering superior performance with high-capacity cells for extended cleaning sessions. Featuring cutting-edge Smart BMS technology, it ensures efficient power management, optimizing battery life and safety with precise monitoring and control of charging and discharging processes.



► Vacuum Cleaner Battery

Fit for	Model Number	Voltage	Capacity	Compatible with	Colour
Roomba	RO14-LI50-ME50	14.8V	5000mAh	iRobot Roomba 500 600 700 800 Series 880 890 861 864 866 770 675 650 655 695 680 671 640 645 780 775 790 760 595 585 561 560 550	Green
Roomba	RO14-LI52-ME	14.8V	5200mAh	iRobot Roomba 980 960 985 690 801 850 860 870 880 890 891 895 770 780 790 640 650 652 655 665 670 671 675 680 685 695	Green
Roomba	B2-RO14-LI64	14.8V	6400mAh	iRobot Roomba 675 655 650 860 870 880 890 660 677 770 780 535 551 585 595 & 500 600 700 800 Series	Green
Roomba	RO14-LI29-I7	14.4V	2900mAh	iRobot Roomba i7/i7+ i4/i4+ i3/i3+ e5 e6 i7158 i7550 i755020 7150 7550, ABL-IT81ba ABL-IT81ba	Green
Tesvor	EC14-GR25-LI26	14.4V	2600mAh	Tesvor X500 Eufy Robovac 11S 11S MAX 12 15C 15C MAX 25C 30C G10 Hybrid G 20 G30 Edge R450 R500 and Ecovacs Deebot N79 N79S DN622	Green
Tesvor	EC14-GR29-LI30	14.4V	3000mAh	Conga Excellence 990 950 1090 1790 1990 Ecovacs Deebot N79 N79S DN622 Eufy RoboVac 11 11S 30 35C y IKOHS Netbot S14 S15	Green
Conga	CG14-LI26-ME26	14.4V	2600mAh	Conga Excellence 1290 1390 1490 1590	Green
Neato	NE-XV72-NH36	7.2v	3600mAh	Neato XV Serie XV-21 XV-11 XV-12 XV-14 XV-15 XV-25 XV	Green

UltraFlow™ Fashional Mobile Power

Melasta's Mobile Power Banks are equipped with 12 versatile outputs, serving as both on-the-go chargers and reliable UPS for crucial devices. With a design focused on continuous operation and emergency backup, they are ideal for keeping smartphones, laptops, and medical equipment operational, offering vital support in any scenario.



65W Fast Charging
Rapidly power up your devices with high-speed charging technology.

20,000mAh Capacity
Large battery capacity to meet all your charging needs.

2 Multifunctional Ports
Offers simultaneous use of all 2 ports for versatile connectivity and convenience.

► Fashional Mobile Power

Model Number	Voltage	Capacity	Power	Input Ports	Output	Input	Output voltages	Picture
PS12-LI52	12V	5200mAh	62.4Wh	1	3	12V	DC 12V 9V(5A/1.5A) and 5V/2A USB output	
PS12-60	12V	6000mAh	72Wh	1	3	12V	12V 9V and 5V USB output	
PS24-LI33	24V	3350mAh	80.4Wh	1	3	24V	DC 24V 9V and 5V USB output	
PB3.6-20	3.6V	20000mAh	72Wh	2	2	65W	Type C1 : PD65W USB 2.0 : 5V 2A	

► Applications



Smartphones



Laptops



Camera



Smartwatch



Headphone



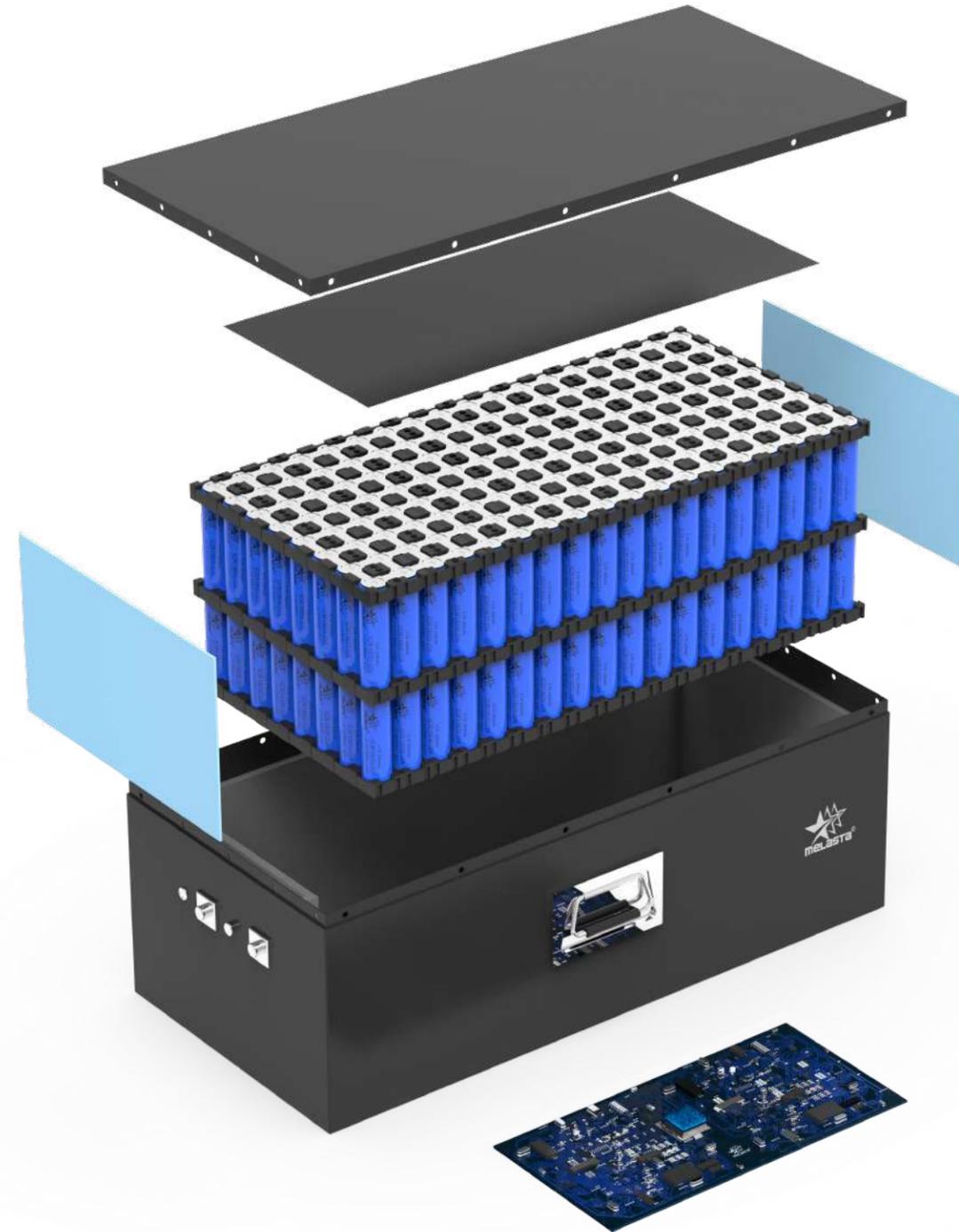
Router

Custom Cylindrical Battery

Melasta's Custom Battery Solutions are meticulously designed to fulfill unique needs, providing extensive hardware customization options such as cell selection and electronic component configuration. Coupled with software enhancements, these solutions offer improved functionality, enabling seamless device integration, advanced charge and discharge regulation, and precise temperature monitoring. This comprehensive approach ensures peak performance across a diverse range of applications.



► Features



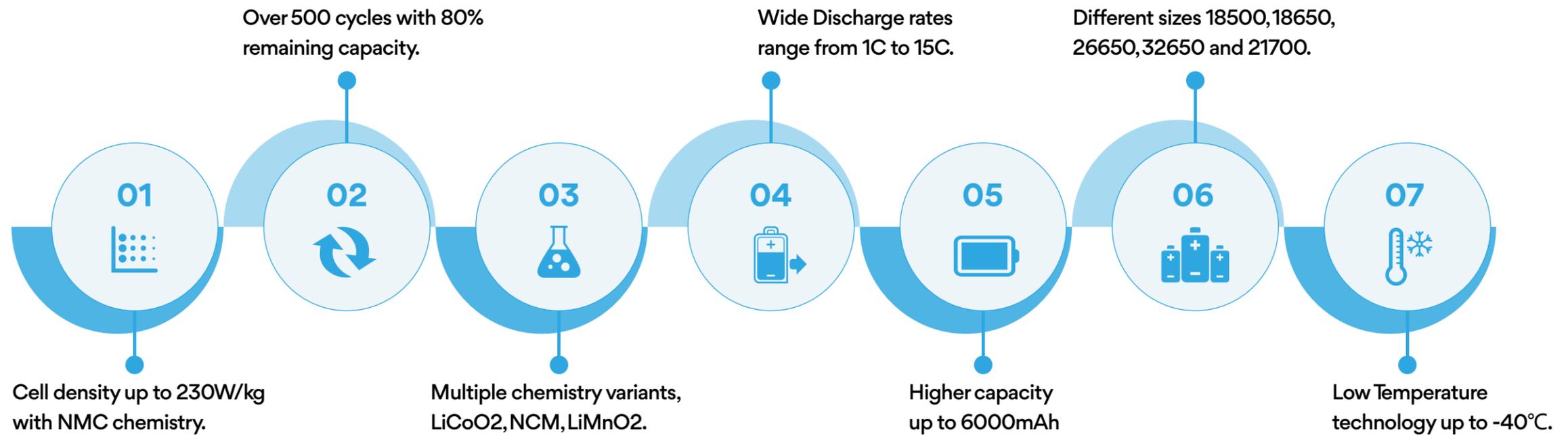
- 1 3D Molding
- 2 Custom Structure Design
- 3 Cell Selection
 - 
 - 
- 4 BMS Design
- 5 Temperature Management
- 6 Communication Protocol

Cylindrical Cells

Melasta's cells come in various chemistries, including Lithium Cobalt Oxide, Lithium Manganese Oxide, LiFePO4 and NMC, catering to specific needs. With options for customization, NMC cells offer high cell density up to 230W/kg and rapid discharge rates up to 15C, ensuring efficient power delivery for demanding applications.



► Features



► Regular Type Cylindrical Li-ion Cell

Cell Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimensions (mm)		Standard Charge Rate (C)	Fast Charge Rate (C)	Max Continuous Discharge Rate (C)	Pulse Discharge Current	Charge Cut-off Voltage (V)	Discharge Cut-off Voltage (V)	Cycle life (DOD at 80%)
ICR10400-320	3.7	320	10.35	39.55	0.5	1	1	3	4.2	2.75	≥300
ICR14430E-500	3.6	500	14.5	43.5	0.5	1	1	3	4.2	3.0	500
ICR14430E-650	3.6	650	14.5	43.5	0.5	1	1	3	4.2	3.0	500
ICR14450E-700	3.6	700	14.5	45.5	0.5	1	1	3	4.2	3.0	500
ICR14500E-650	3.6	650	14.5	50.5	0.5	1	1	3	4.2	3.0	500
ICR14500E-800	3.6	800	14.5	50.5	0.5	1	1	3	4.2	3.0	500
ICR18500E-1900	3.6	1900	18.5	50.5	0.5	1	1	3	4.2	3.0	500
ICR18650E-2000	3.6	2100	18.15	65.2	0.5	1	1	3	4.2	3.0	500
ICR18650E-2200	3.6	2200	18.15	65.2	0.5	1	1	3	4.2	3.0	500
ICR18650E-2500	3.6	2500	18.35	65.2	0.5	1	1	3	4.2	3.0	500
ICR18650E-2600	3.6	2600	18.35	65.2	0.5	1	1	3	4.2	3.0	500
ICR26650E-2900	3.6	2900	26.15	65.6	0.5	1	1	3	4.2	3.0	1000
ICR26650E-3350	3.6	3350	26.15	65.6	0.5	1	1	3	4.2	3.0	1000
ICR26650E-4500	3.6	4500	26.15	65.6	0.5	1	1	3	4.2	3.0	1000
ICR26650E-5000	3.6	5000	26.15	65.6	0.5	1	1	3	4.2	3.0	1000
ICR26650E-5500	3.6	5500	26.15	65.6	0.5	1	1	3	4.2	3.0	1000
ICR21700E-4000	3.6	4500	21.5	70.5	0.5	1	1	3	4.2	3.0	1000
ICR21700E-4200	3.6	4500	21.5	70.5	0.5	1	1	3	4.2	3.0	1000
ICR21700E-4500	3.6	4500	21.5	70.5	0.5	1	1	3	4.2	3.0	1000
ICR21700E-4800	3.6	4800	21.5	70.5	0.5	1	1	3	4.2	3.0	1000

► High Drain Type Cylindrical Li-ion Cell

Cell Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimensions (mm)		Standard Charge Rate (C)	Fast Charge Rate (C)	Max Continuous Discharge Rate (C)	Pulse Discharge Current	Charge Cut-off Voltage (V)	Discharge Cut-off Voltage (V)	Cycle life (DOD at 80%)
ICR18500HP-1100	3.6	1100	18.5	50.5	0.5	1	10	15	4.2	3.0	500
ICR18500-1200	3.7	1200	18.4	48.95	0.5	1	5	8	4.2	2.75	≥300
ICR18500-1600	3.7	1600	18.4	48.95	0.5	1	3	5	4.2	2.75	≥300
ICR18650P-2000	3.6	2000	18.15	65.3	0.5	1	5	8	4.2	3.0	500
ICR18650HP-2000	3.6	2000	18.15	65.3	0.5	1	10	15	4.2	3.0	500
ICR18650UP-2000	3.6	2000	18.15	65.3	0.5	1	15	20	4.2	3.0	500
ICR18650P-2200	3.6	2200	18.15	65.3	0.5	1	3	5	4.2	3.0	500
ICR18650P-2500	3.6	2500	18.15	65.3	0.5	1	5	8	4.2	3.0	500
ICR26650P-4500	3.6	4500	26.15	65.6	0.5	1	3	5	4.2	3.0	500

► Regular Type Cylindrical LiFePO4 Cell

Cell Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimensions (mm)		Standard Charge Rate (C)	Fast Charge Rate (C)	Max Continuous Discharge Rate (C)	Pulse Discharge Current	Charge Cut-off Voltage (V)	Discharge Cut-off Voltage (V)	Cycle life (DOD at 80%)
IFR10130E-30	3.2	30	10.3	13.2	0.5	1	1	3	3.65	2.0	>2000
IFR10440E-200	3.2	200	10.3	44.2	0.5	1	1	3	3.65	2.0	>2000
IFR14430E-250	3.2	250	14.2	43.3	0.5	1	1	3	3.65	2.0	>2000
IFR14500E-250	3.2	250	14.2	50.2	0.5	1	1	3	3.65	2.0	>2000
IFR14430E-300	3.2	300	14.2	43.3	0.5	1	1	3	3.65	2.0	>2000
IFR16340E-400	3.2	400	16.2	34.2	0.5	1	1	3	3.65	2.0	>2000
IFR14500E-500	3.2	500	14.2	50.2	0.5	1	1	3	3.65	2.0	>2000
IFR14500E-600	3.2	600	14.2	50.2	0.5	1	1	3	3.65	2.0	>2000
IFR18500E-600	3.2	600	18.5	50.2	0.5	1	1	3	3.65	2.0	>2000
IFR18500E-900	3.2	900	18.5	50.2	0.5	1	1	3	3.65	2.0	>2000
IFR18500E-1000	3.2	1000	18.5	50.2	0.5	1	1	3	3.65	2.0	>2000
IFR22430E-1200	3.2	1200	22.5	43.3	0.5	1	1	3	3.65	2.0	>2000
IFR18650E-1600	3.2	1600	18.5	65.3	0.5	1	1	3	3.65	2.0	>2000
IFR18650E-1800	3.2	1800	18.5	65.3	0.5	1	1	3	3.65	2.0	>2000
IFR22650E-1900	3.2	1900	22.5	65.3	0.5	1	1	3	3.65	2.0	>2000
IFR22650E-2000	3.2	2000	22.5	65.3	0.5	1	1	3	3.65	2.0	>2000
IFR26430E-2000	3.2	2000	26.5	43.3	0.5	1	1	3	3.65	2.0	>2000
IFR26650E-3000	3.2	3000	26.15	65.6	0.5	1	1	3	3.65	2.0	>2000
IFR26650E-3400	3.2	3400	26.2	65.6	0.5	1	3	5	3.65	2.0	>2000
IFR26650E-3800	3.2	3800	26.15	65.6	0.5	1	1	3	3.65	2.0	>2000

► High Drain Type Cylindrical LiFePO4 Cell

Cell Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimensions (mm)		Standard Charge Rate (C)	Fast Charge Rate (C)	Max Continuous Discharge Rate (C)	Pulse Discharge Current	Charge Cut-off Voltage (V)	Discharge Cut-off Voltage (V)	Cycle life (DOD at 80%)
IFR18500P-900	3.2	900	18.5	50.2	1	2	10	13.5A ≤ 1S	3.65	2.0	>2000
IFR22430P-950	3.2	950	22.5	43.3	1	2	10	14.25A ≤ 1S	3.65	2.0	>2000
IFR18650P-1400	3.2	1400	18.35	66.3	1	3	10	21A ≤ 5S	3.65	2.0	>2000
IFR18650P-1800	3.2	1800	18.5	65.4	1	1	3	9A ≤ 3S	3.65	2.0	>2000
IFR22650P-1600	3.2	1600	22.5	65.3	1	3	10	24A ≤ 3S	3.65	2.0	>2000
IFR26650P-3000	3.2	2900	26.15	65.6	1	3	10	45A ≤ 5S	3.65	2.0	>2000
IFR26650P-2500	3.2	2500	26.2	65.5	1	5	20	125A ≤ 3S	3.65	2.0	>2000
IFR26650P-3000B	3.2	3000	26.9	65.5	1	3	10	60A ≤ 10S	3.65	2.0	>2000
IFR26650-4000	3.2	4000	26.4	65.2	0.5	1	2	15A ≤ 5S	3.65	2.5	≥1500

UAV Li-Po Battery

Melasta's Drone Batteries are engineered for optimal performance, offering high energy density and extended flight times for drones. Designed with advanced technology to ensure rapid charging and high-rate discharge capabilities, these lightweight batteries maximize efficiency and durability.

Melasta-Unique Semi-solid Technology Leading Future



► Applications



Agriculture Drones



Delivery Drones



Military Surveillance Drones



Surveying Drones



Recreational Drones

► UAV Li-Po Battery

Model	Voltage (V)	Capacity (mAh)	Power (Wh)	internal resistance (mΩ)	Charging cable length (mm)	Discharge cable length (mm)	Size (mm)	Net weight (g)
MB-HR2305	≥22.2	≥4500	99.9	≤30	100	130	≤137*45*53	641.6
MB-HR2310	≥22.2	≥9500	210.9	≤30	100	130	≤167*51*64	1113.3
MB-HR2312	≥22.2	≥12000	266.4	≤30	95	130	≤184*76*55.5	1551
MB-HR4510	≥22.2	≥10000	444	≤61.5	120	150	≤168*61*121.5	2529.7
MB-HR4516	≥22.2V	≥16000	710.4	≤60	120	150	≤184*76*133.5	3864.6

RC Hobby Battery



Melasta's RC Hobby Batteries, crafted for the dedicated hobbyist, combine high-performance, durability, and safety features. Specifically designed for a broad spectrum of radio-controlled devices including cars, planes, boats, and drones, these batteries offer extended run times, consistent power, and rapid charging. Key features include a high discharge rate for peak performance, a long battery life for sustained enjoyment, and fireproof construction for added safety.

► Features

- 
 High discharge rates
- 
 Extended battery life
- 
 Fireproof safety
- 
 Rapid charging capabilities
- 
 Consistent power delivery
- 
 Peak performance engineering

► RC Battery

Model	Chemistry	Voltage	Capacity	Fit Connector	Compatible with	Picture
RC72-NH38-TA42	Ni-MH	7.2V	4200mAh	Tamiya	Tamiya Racing Vehicles	
RC72-NH45-BA50	Ni-MH	7.2V	5000mAh	Banana	Redcat Racing Vehicles	
G2-RC84-NH42-TR	Ni-MH	8.4V	4200mAh	Traxxas	Traxxas RC Racing Car	

► Airsoft Battery

Model	Chemistry	Voltage	Capacity	Fit Connector	Compatible with	Picture
RC96-NH13-MT16Y-2	Ni-MH	9.6V	1600 mAh	Mini Tamiya	Mini Tamiya Airsoft Guns M4, G36, M110, SR25, M249, M240B, M14, RPK, PKM, L85, AUG, G3	
RC11-LP12-DT12NA	Li-Po	11.1V	1200mAh	Deans-T	Airsoft Guns AK47 MP5K, MP5 Scar M249, AUG AEG	
RC14-LP22-XT50	Li-Po	14.8V	2200mAh	XT60	RC Airplane, Helicopter Vehicle, Boat	

► Applications



RC Cars

RC Planes

RC Boats

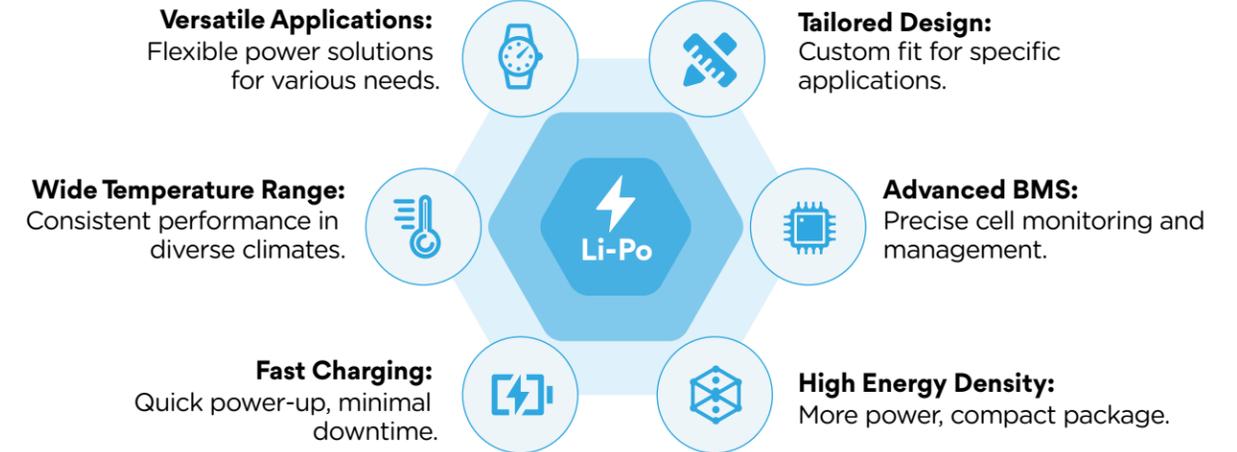
RC Drones

Custom Pouch Battery

Melasta is a globally recognized provider of battery integration customization solutions, offering custom LiPo battery packs tailored to your specific needs. Our services include cell, battery structure, and BMS customization, as well as integrated solutions combining cell, BMS, and structure. We provide detailed, optimal customized solutions based on your requirements, ensuring the strict confidentiality of your projects.



► Features



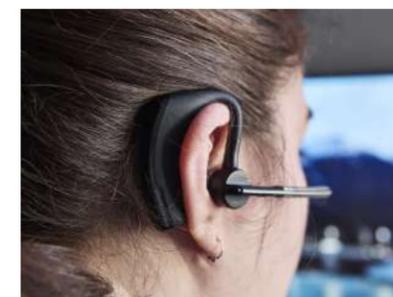
► Application field:



Electronic cigarettes



Medical equipment



Bluetooth earphones



Smart Watch



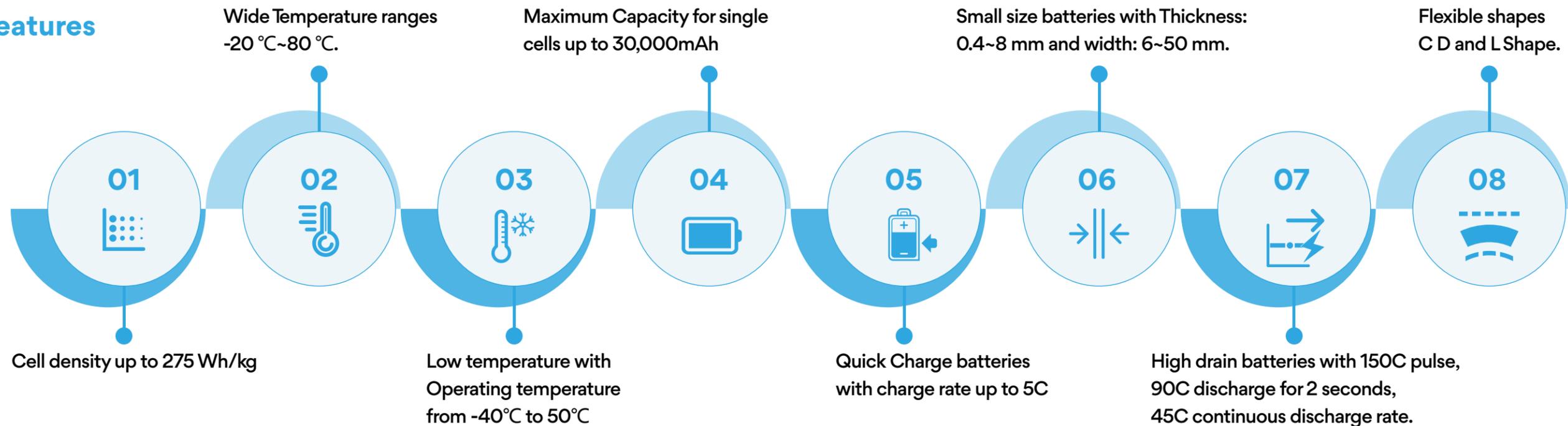
Electronic wristband

Lithium Polymer Cells

Melasta's LiPo cells, featuring advanced Stacking technology, provide exceptional energy density and rapid charging. Customizable in size and shape, these cells are perfect for a wide range of applications, including UAVs, RC hobbies, wearable tech, military applications, FPV drones, medical applications, and IoT devices. Offering superior performance and safety, they ensure reliable power for the most demanding situations.



► Features



► Regular Lipo Battery Cells

Cell Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimension (mm)	Weight Approx (g)	Standard Charge Rate (C)	Max Charge Rate	Max Continuous Discharge Rate	Pulse Discharge Current
LP481220	3.7	70	4.8 x 12.0 x 20	1.6	0.5	1C	1C	3C
LP402040	3.7	250	4.0 x 20.0 x 41.5	6	0.5	1C	1C	3C
LP602233	3.7	400	6.0 x 22.0 x 34.5	8	0.5	1C	1C	3C
LP692865	3.7	1000	6.9 x 28.0 x 66.5	23.5	0.5	1C	1C	3C
LP953048	3.7	1400	9.5 x 30.0 x 49.5	28	0.5	1C	1C	3C
LP5842125	3.7	3500	5.8 x 42.0 x 126.5	71	0.5	1C	1C	3C
LPA53496	3.7	4000	10.5 x 34.0 x 97.5	76	0.5	1C	1C	3C

► High Drain Type LiPo Cells

Cell Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimension (mm)	Weight Approx (g)	Standard Charge Rate	Max Charge Rate	Max Continuous Discharge Rate	Pulse Discharge Current
SLPBB042126	3.7	6600	10.5 x 43 x 127	126	1C	2C	15C	30C
SLPB7844143	3.7	6100	8.3 x 42 x 144.0	119	1C	2C	15C	30C
SLPB9675175	3.7	14000	9.6x 75 x 175	273	1C	2C	20C	40C
SLPBB075175	3.7	16800	11x 75 x 175	317	1C	2C	15C	30C
SLPB9759156	3.7	11300	9.6x 60 x 157	196	1C	2C	5C	10C
SLPBA675175	3.7	18000	10.6x 75.5 x 176	305	1C	2C	5C	10C
SLPBB090193	3.7	21000	10.8x 91 x 194	395	1C	2C	10C	20C
SLPB99105227	3.7	30000	9.6x 104 x 226	525	1C	2C	5C	10C
SLPB7864143	3.7	8000	7.8x 64x143	152	1C	2C	10C	20C
SLPBA942126	3.7	7600	10.6x 42x127	130	1C	2C	15C	30C
SLPBB059156	3.7	8000	7.7x 58.5 x 156	160	1C	2C	15C	30C
SLPBA942126	3.7	7000	10.7x 42x127	128	1C	2C	15C	30C
SLPBB044125	3.7	5000	10x 44x126	114	1C	2C	30C	60C
SLPBB044125	3.7	7000	10.4x 44x126	124	1C	2C	15C	30C

► High Drain High Voltage LiPO Cells

Cell Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimension (mm)	Weight Approx (g)	Standard Charge Rate	Max Charge Rate	Max Continuous Discharge Rate	Pulse Discharge Current
SLPB6945135HV	3.8	5200	6.7 x 45 x 135	88	1C	2C	10C	20C
SLPB7844124HV	3.8	5800	8.7 x 43.5 x 125.5	103	1C	2C	15C	30C
SLPB9542124HV	3.8	5950	9.2 x 42 x 125.5	108	1C	2C	15C	30C
SLPBA842124HV	3.8	6500	10.5 x 42 x 125.5	122	1C	2C	15C	30C
SLPB9544124HV	3.8	6600	10x 43.5 x 125.5	118	1C	2C	15C	30C
SLPBB042126HV	3.8	6950	10.4 x 42 x 127.5	120	1C	2C	15C	30C
SLPBB042126HV	3.8	7500	10.7 x 42 x 127.5	125	1C	2C	10C	20C
SLPBB042126HV	3.8	7700	10.7 x 42 x 127.5	125	1C	2C	8C	16C
SLPB9364159HV	3.8	11300	9 x 63.5 x 158	207	1C	2C	15C	30C
SLPB8674133HV	3.8	12000	8.4 x 73.5 x 132.5	178	1C	2C	5C	10C
SLPB9470175HV	3.8	14000	8.9 x 69.5 x 173.5	234	1C	2C	10C	20C
SLPB8995132HV	3.8	14000	8.6 x 94.5 x 131	232	1C	2C	10C	20C
SLPBA175175HV	3.8	16000	9.8 x 74 x 174	277	1C	2C	10C	20C
SLPB9495183	3.8	22000	9 x 94 x 182	355	1C	2C	5C	10C

► Anti-high Temperature LiPo Cells

Cell Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimension (mm)	Weight Approx (g)	Standard Charge Rate	Max Charge Rate	Max Continuous Discharge Rate	Pulse Discharge Current
LP303450HT	3.7	400	3.0 x 34.0 x 51.5	9.6	0.5C	1C	1C	3C
LP803048HT	3.7	1200	8.0 x 30.0 x 49.5	21.2	0.5C	1C	1C	3C
LP4545135HT	3.7	3000	4.5 x 45.0 x 136.5	60	0.5C	1C	1C	3C
LP896472HT	3.7	5000	8.9 x 64.0 x 73.5	92	0.5C	1C	1C	3C
LP9570170HT	3.7	15000	9.7 x 70.0 x 171.5	285	0.5C	1C	1C	3C

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