



# PRODUCT BROCHURE

## 2023

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A bright future energized by  
opportunities for all.



**CM BATTERIES**  
BOOST YOUR ENERGY

# WELCOME

## Product Brochure

At CM Batteries, we're here to boost your energy - from the chemical energy that powers your devices to the ethereal energy that powers you. We create custom battery packs that bring lasting energy to devices of all shapes, sizes, and functions. But our purpose as a company extends beyond the high-quality products we design and manufacture.



# CHERRY YI

## MESSAGE FROM THE CEO

I want to energize others through my company's products and initiatives, as well as my own daily actions.



At the center of CM Batteries is Cherry (our founder) and Max (our head of production). You guessed it – that's what the "C" and "M" stand for in "CM Batteries". Cherry and Max are fueled by their desire not only to produce the highest quality and most dependable batteries on the market, but also to energize those around them and make a difference in the world in any way they can.

That's why, as CM Batteries continues to grow, we strive to share the energy we're amassing. Our charge on initiatives allow us to share our good fortune with the people who need it most, and our responsible recycling and sourcing

processes help us curb tech waste's impact and protect Mother Earth. We're on a mission to energize products, people, and the planet with our high-quality batteries and moral-driven actions. Join us! It's time to boost your energy.



## MISSION

To energize products and people with our high-quality batteries and moral-driven actions.



## One-Top Electric Bike Batteries Solutions Manufacturer

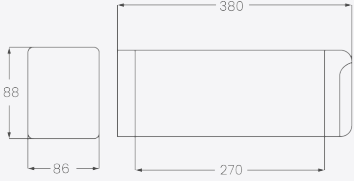
### Custom Ebike Batteries Solutions

- Smart BMS Design
- Ebike Housing Design


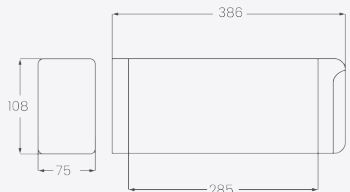
### Standard Ebike Batteries Solutions





<b>Battery</b>	 	
<b>Product Code</b>	CMB10040001	
<b>Installation</b>	Frame Battery	
<b>Power Capacity</b>	522Wh 36V 14.5Ah	
<b>Weight</b>	4kg	
<b>Dimension</b>	88*86*380mm	
<b>Charging time with 4A charger</b>	50% charge 100% charge	approx 1.7h approx 4.6h
<b>Description</b>	<ul style="list-style-type: none"> <li>• Made by DMEGC INR 18650-29E 3C Discharge Rate Cell</li> <li>• High Performance 30A BMS at Any Time</li> <li>• Low Temperature Charge Protection</li> <li>• 24 Months Warranty</li> </ul>	



<b>Battery</b>	 	
<b>Product Code</b>	CMB13050002	
<b>Installation</b>	Frame Battery	
<b>Power Capacity</b>	696Wh 48V 14.5Ah	
<b>Weight</b>	4.2kg	
<b>Dimension</b>	108*75*386mm	
<b>Charging time with 4A charger</b>	50% charge 100% charge	approx 1.8h approx 5.1h
<b>Description</b>	<ul style="list-style-type: none"> <li>• Made by DMEGC INR 18650-29E 3C Discharge Rate Cell</li> <li>• High Performance 30A BMS at Any Time</li> <li>• Low Temperature Charge Protection</li> <li>• Available for Customizing The Length of The Battery Case</li> <li>• 24 Months Warranty</li> </ul>	







<b>Battery</b>		
<b>Product Code</b>	CMB10040003	
<b>Installation</b>	Rear Rack Battery	
<b>Power Capacity</b>	417.6Wh 36V 11.6Ah	
<b>Weight</b>	3kg	
<b>Dimension</b>	75*148*393mm	
<b>Charging time with 4A charger</b>	50% charge 100% charge	approx 1.5h approx 4.5h
<b>Description</b>	<ul style="list-style-type: none"> <li>• Made by DMEGC or Samsung INR 18650-29E 3D Discharge Rate Cell</li> <li>• High Performance 30A BMS at Any Time</li> <li>• Low Temperature Charge Protection</li> <li>• Accessory Case Are Opitonal.</li> <li>• 24 Months Warranty</li> </ul>	





<p><b>Battery</b></p>		
<p><b>Product Code</b></p>	<p>CMB10040004</p>	
<p><b>Installation</b></p>	<p>Integrated Battery</p>	
<p><b>Power Capacity</b></p>	<p>417.6Wh 36V 11.6Ah</p>	
<p><b>Weight</b></p>	<p>3kg</p>	
<p><b>Dimension</b></p>	<p>50*127*367mm</p>	
<p><b>Charging time with 4A charger</b></p>	<p>50% charge 100% charge</p>	<p>approx 1.5h approx 4.5h</p>
<p><b>Description</b></p>	<ul style="list-style-type: none"> <li>• Made by DMEGC or Samsung INR 18650-29E 3D Discharge Rate Cell</li> <li>• High Performance 30A BMS at Any Time</li> <li>• Low Temperature Charge Protection</li> <li>• 24 Months Warranty</li> </ul>	



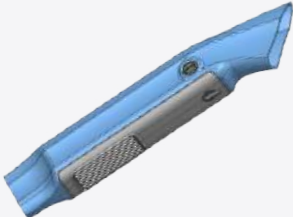
<b>Battery</b>		
<b>Product Code</b>	CMB13050005	
<b>Installation</b>	Frame Battery	
<b>Power Capacity</b>	850Wh 48V 17.5Ah	
<b>Weight</b>	4.2kg	
<b>Dimension</b>	90*109*368mm	
<b>Charging time with 4A charger</b>	50% charge 100% charge	approx 2.2h approx 6h
<b>Description</b>	<ul style="list-style-type: none"> <li>• Made by Samsung INR18650-35E 3C Discharge Rate Cell</li> <li>• Other Capacities Are Available for Options.</li> <li>• High Performance 30A BMS at Any Time</li> <li>• 24 Months Warranty</li> </ul>	



<p><b>Battery</b></p>		
<p><b>Product Code</b></p>	<p>CMB13050006</p>	
<p><b>Installation</b></p>	<p>Integrated Battery</p>	
<p><b>Power Capacity</b></p>	<p>850Wh 48V 17.5Ah</p>	
<p><b>Weight</b></p>	<p>4.2kg</p>	
<p><b>Dimension</b></p>	<p>423*87.8*108.6mm</p>	
<p><b>Charging time with 4A charger</b></p>	<p>50% charge 100% charge</p>	<p>approx 2.2h approx 6h</p>
<p><b>Description</b></p>	<ul style="list-style-type: none"> <li>• Made by Samsung INR18650-35E 3C Discharge Rate Cell</li> <li>• 21700 Cells Are Suitable for This Model Battery Case</li> <li>• High Performance 30A BMS at Any Time</li> <li>• 24 Months Warranty</li> </ul>	






<b>Battery</b>		
<b>Product Code</b>	<b>CMB13040007</b>	
<b>Installation</b>	<b>Integrated Battery</b>	
<b>Power Capacity</b>	<b>960Wh 48V 20Ah</b>	
<b>Weight</b>	<b>4.8kg</b>	
<b>Dimension</b>	<b>422.7*93.6*118.3mm</b>	
<b>Charging time with 4A charger</b>	<b>50% charge</b> <b>100% charge</b>	<b>approx 2.5h</b> <b>approx 6.5h</b>
<b>Description</b>	<ul style="list-style-type: none"> <li>• Made by Samsung INR 21700-50E Cell</li> <li>• High Performance 30A BMS at Any Time</li> <li>• 24 Months Warranty</li> <li>• This Model Battery Case for Mountain Electric Bike</li> </ul>	



<p><b>Battery</b></p>		
<p><b>Product Code</b></p>	<p>CMB13040008</p>	
<p><b>Installation</b></p>	<p>Integrated Battery</p>	
<p><b>Power Capacity</b></p>	<p>556.8Wh 48V 11.6Ah</p>	
<p><b>Weight</b></p>	<p>3.6kg</p>	
<p><b>Dimension</b></p>	<p>441*80*108mmmm</p>	
<p><b>Charging time with 2A charger</b></p>	<p>50% charge 100% charge</p>	<p>approx 4.5h approx 1.5h</p>
<p><b>Description</b></p>	<ul style="list-style-type: none"> <li>• Made by DMEGC or Samsung INR 18650-29E 3C Discharge Rate Cell</li> <li>• High Performance 30A BMS at Any Time</li> <li>• Low Temperature Charge Protection</li> <li>• 24 Months Warranty</li> </ul>	


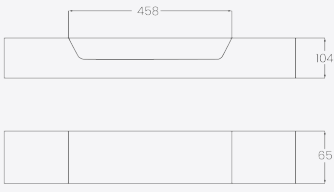




<b>Battery</b>		
<b>Product Code</b>	CMB13060009	
<b>Installation</b>	Double Battery	
<b>Power Capacity</b>	1008Wh 48V 21Ah	
<b>Weight</b>	5kg	
<b>Dimension</b>	526*79*90mm	
<b>Charging time with 4A charger</b>	50% charge 100% charge	approx 2.6h approx 6.8h
<b>Description</b>	<ul style="list-style-type: none"> <li>• Made by Samsung INR 21700-50E Cell</li> <li>• Double Battery Module-48V 20Ah and 48V 15Ah Battery Pack</li> <li>• Special BMS Solution</li> <li>• 24 Months Warrant</li> </ul>	




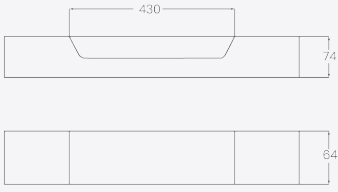


<p><b>Battery</b></p>		
<p><b>Product Code</b></p>	<p>CMB13040010</p>	
<p><b>Installation</b></p>	<p>Integrated Battery</p>	
<p><b>Power Capacity</b></p>	<p>672Wh 48V 14Ah</p>	
<p><b>Weight</b></p>	<p>4.6kg</p>	
<p><b>Dimension</b></p>	<p>458*65*104mm</p>	
<p><b>Charging time with 4A charger</b></p>	<p>50% charge 100% charge</p>	<p>approx 1.8h approx 5h</p>
<p><b>Description</b></p>	<ul style="list-style-type: none"> <li>• 21700 Cells Are Suitable for This Model Battery Case</li> <li>• High Performance 30A BMS at Any Time</li> <li>• 24 Months Warranty</li> <li>• This Model Battery Case for Leisure Electric Bike</li> </ul>	



<b>Battery</b>		
<b>Product Code</b>	CMB07030011	
<b>Installation</b>	Bottle Battery	
<b>Power Capacity</b>	264.6Wh 25.2V 10.5Ah	
<b>Weight</b>	1.8kg	
<b>Dimension</b>	347*74*86mm	
<b>Charging time with 4A charger</b>	50% charge 100% charge	approx 1.7h approx 4.1h
<b>Description</b>	<ul style="list-style-type: none"> <li>• Made by Samsung INR 18650-35E Cell</li> <li>• Other Capacities Are Available for Options</li> <li>• Customize The Length of The Battery Case</li> <li>• 24 Months Warranty</li> </ul>	



<b>Battery</b>		
<b>Product Code</b>	CMB10050012	
<b>Installation</b>	Integrated Battery	
<b>Power Capacity</b>	540Wh 36V 15Ah	
<b>Weight</b>	3.5kg	
<b>Dimension</b>	430*64*74mm	
<b>Charging time with 4A charger</b>	50% charge 100% charge	approx 1.9h approx 5.3h
<b>Description</b>	<ul style="list-style-type: none"> <li>• Made by Samsung INR 18650-35E Cell</li> <li>• Other Capacities and Voltages Are Available for Options</li> <li>• 24 Months Warranty</li> </ul>	





## CM BATTERIES

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