



Model	TWS-EM-NCM-6032	TWS-EM-NCM-7228
Dimensions	187*237*175 (mm)	180*153*295 (mm)
Configuration	10P16S	10P20S
Capacity (typical)	32.0 Ah	28.0 Ah
Recommended motor power	800-1200 W	1500-2500 W
Nominal voltage	60 V	72 V
Recommended charge current	5.0 A	5.0 A
Max. continuous discharge current	50 A	56A
Waterproof grade	IPX4	IPX4
Communication	RS485	/

Why TWS?

- Ready-made platforms and BMS solutions to fulfill common applications
- TWS's round the clock design team shortens time-to-market
- Specialized end-to-end integrated IP67 product development capability
- Local aftersales engineering services globally

Contact us

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Backed by increasing government initiatives towards controlling rising air pollution levels, electric two-wheelers are ever-increasing and becoming popular among major urban transport systems in all cities of the globe. These vehicles are easily charged by AC power and often come with removable and replaceable batteries.



Model	TWS-EM-NCM-3610	TWS-EM-NCM-3613A	TWS-EM-NCM-3613B
Dimensions	312*92*94 (mm)	375*144*70 (mm)	387*95*101 (mm)
Configuration	4P10S	5P10S	5P10S
Capacity (typical)	10.4 Ah	13.0 Ah	13.0 Ah
Recommended motor power	250-350 W	250-350 W	250-350 W
Nominal voltage	36 V	36 V	36 V
Recommended charge current	2.0 A	3.0 A	3.0 A
Max. continuous discharge current	15 A	20 A	20 A
Waterproof grade	IPX4	IPX5	IPX5
Communication	/	UART/CAN	UART/CAN

TWS provides best cost performance full battery solutions for eMobility to fulfill numerous applications including electric bicycles, pedelecs, electric scooters and electric motorcycles globally. Experienced in the joint development of BMS, hardware and software solutions.

- Electric Scooters
- Electric Motorcycles
- Pedelecs
- Electric Bicycles
- Electric Wheelchair



Model	TWS-EM-NCM-4820	TWS-EM-NCM-4828
Dimensions	250*72*142 (mm)	181*156*200 (mm)
Configuration	6P13S	10P13S
Capacity (typical)	19.2 Ah	28.5 Ah
Recommended motor power	500 W	500 W
Nominal voltage	36 V	48 V
Recommended charge current	3.5 A	8.0 A
Max. continuous discharge current	15 A	20 A
Waterproof grade	IPX7	IPX4
Communication	UART	RS485