



**Inner Tube Battery with built-in Motor Controller
 Model BTI103**

Controller	Supporting motor type	BLDC/PMSM
	System voltage (V)	48
	Rated Power (W)	250
	Communication interface	CANBUS 2.0B / BLE 5.0
	Power assistance speed (km/h)	EU: 25km/h ; US: 32km/h(20mph)
	Power assistance sensing method	Torque sensor / Speed sensor
	Supporting accessories	Front light Rear light Shifter Module Digital display Power & Function buttons Digital speaker
	Certification (in process of application)	EN/ISO 13849-1 EN 15194:2017 4.2.15- EMC IEC/EN 62368-1 RoHS 2011/65/EU&(EU) 2015/863
	Power assistance mode	Non/Eco/Tour/Sport
Battery	Nominal/Operating Voltage (V)	50.4 / 40-58.8
	Typical capacity (Ah)/Energy (Wh)	10Ah / 504Wh / 800Wh / 1 kWh
	Continuous/Max. Discharge current (A)	15A/30A (60 second)
	Certification	EN/ISO 13849-1 IEC/EN62133-2:2017
	Environmental condition	Charge temp.: 0 ~ 45° Discharge temp. : -20 ~ 60° Storage temp. : -30 ~ 60° Enclosure protection : IP54 Relative humidity : 5-95%
	Pack dimension (L×W×H; mm)	540×58×69
Weight		3.3kg (ref.)