

# I30 E-Bike System

Front Hub Motor  
with Electronically controlled Automatic 3spd IGH



HMI30  
Front Hub Motor



Disc



I3k  
Rear  
Gear Hub



SMI30  
Shifter Module  
Automatic gear shifting

Rear Hub / Shifter Module



BBSTS1  
BB Torque Sensor



CHA200  
Battery Charger



BTI103  
Battery



RMI20  
Remote



DMI20  
Display Monitor

Making Cycling Easier  
Making Cycling Safer

# I30 E-Bike System



**DSI20**  
Display  
Monitor

LCD Display  
Assistance: Sport / Tour / Eco  
Battery: % / status  
Speed: Current / Average / Max  
Range / Trip / ODO  
kph / mph  
Walk Mode  
Lock Mode  
Light Mode  
BLE Mode  
USB Mode



**RMI20**  
Remote

with built-in USB charging port  
5V, 0.5A



**HMI30**  
Front Motor

Hub Motor I30  
250W (48V)  
40Nm  
25kph or 32kph (20mph)  
36H/32H for 13/14G  
2.4kg



**BTI103.BCSS**  
Battery

Inner Tube Battery with built-in motor controller  
48V, 504Wh  
Lithium-ion 21700 cells (Samsung / LG)  
CANBUS 2.0B / BLE 5.0  
Torque & Speed sensing control  
Front & Rear Lights and Speaker support ready  
3.3kg



**BBSTS1**  
BB  
Torque Sensor

0.5~80Nm measuring range  
BC 1.37\*24TPI with 68mm or 73mm width  
486g



**SMI30**  
Shifter  
Module

Shifter Module I30  
Electronically controlled for use with I3K IGH.  
150g



**I3K**  
Rear Hub

3spd IGH for use with SMI30 Shifter Module  
3spd gear ratio of 100%, 155%, and 198%  
Disc Brake mount  
135mm OLD including SMI30 Shifter Module  
13T~22T  
36H/32H/28H for 13/14G  
1,230g  
(Patent Pending)



**CHA200**  
Battery  
Charger

Smart charger - communication with battery BMS  
CANBUS  
100~240V input  
173W max output  
3 hours charging for 0%~100% (504Wh)  
1.5 hours charging for 50%~100% (504Wh)  
(C) C-Type Plug / (A) A-Type Plug  
600g