

Summary

Total distance	1593.9mile
Traveling distance	236.9mile
Total time	0:00
Traveling time	30:07

Drive unit information

Product name	DU-EP801
Firmware version	4.4.2
Serial No.	7K7UKS1242E

Regulation change history

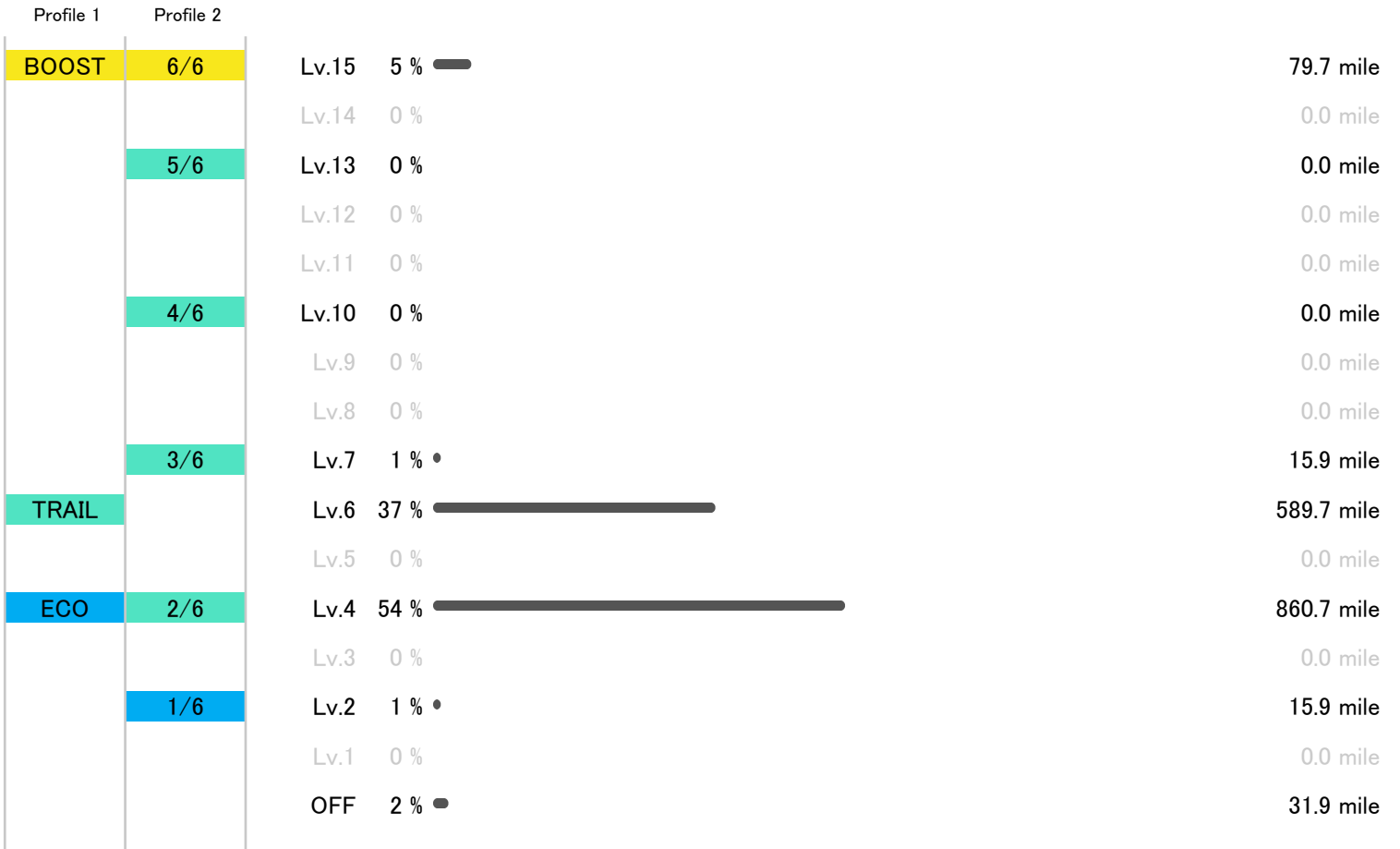
Current setting (change to 9/27/2023 1:57 PM)

Destination	Type 1
Tire circumference	2300mm

Battery information

2nd Gen. BATTERY	Yes
Product name	BT-EN806
Firmware version	1.0.3.0
Serial No.	7K0UGK20A28
Remaining charge	63%
The remaining capacity	15.7Ah
The number of full equivalent charge-discharge cycles	39Times
The evolution of self-discharging rates	0.0%
The date of manufacture of the battery	7/26/2022
The energy throughput	23kWh
The capacity throughput	631Ah
The tracking of harmful events	No harmful events

Assist mode usage ratio



Unit settings

DU-EP801

Firmware version	4.4.2
Serial No.	7K7UKS1242E
Destination	Type 1
Light/accessory power supply terminal output setting	Always Off
Accessory terminal output	OFF
CAN port output	OFF
Walk assist	ON
Tire circumference	2300mm
Gear shifting type	Derailleur type (chain)
Shifting method	Mechanical
Rear speeds	12Speeds
Front chainring	34T
Smallest rear sprocket	10T
Largest rear sprocket	51T
Max assist speed	16mph
Max torque setting range	30N·m – 85N·m
Max power(BOOST/HIGH)	600W *
Max power(TRAIL/NORMAL)	600W *
Max power(ECO)	600W *
Max power(FINE TUNE MODE)	600W *
Active profile	Profile 1
Profile 1, Profile name	Profile1
Profile 1, Assist customize	BASIC MODE
Profile 1, Assist mode display	ECO/TRAIL/BOOST
Profile 1, BOOST/HIGH [Assist character, Max torque, Assist start, Assist cutoff]	Lv.15, 85N·m, Lv.5, NATURAL
Profile 1, TRAIL/NORMAL [Assist character, Max torque, Assist start, Assist cutoff]	Lv.6, 48N·m, Lv.3, NATURAL
Profile 1, ECO [Assist character, Max torque, Assist start, Assist cutoff]	Lv.4, 42N·m, Lv.2, NATURAL
Profile 1, Assist carry over	SHORT
Profile 2, Profile name	Finetune
Profile 2, Assist customize	FINE TUNE MODE
Profile 2, Assist character	Lv.2,4,7,10,13,15
Profile 2, Max torque	36N·m – 85N·m
Profile 2, Assist start	Lv.4
Profile 2, Assist cutoff	NATURAL
Profile 2, Assist carry over	SHORT
Display Speed	+5.0%
Maintenance alert	OFF
Auto shut off timer	10min

*This is the output limit value for the drive unit. The actual output may be lower than this value depending on the battery specifications.

SC-EM800

Firmware version	4.6.0
Serial No.	7H9UHM20F6A
Display units	mph
Traveling time	Display
Avg spd	Display
Max spd	Display
Cadence	Display

Current time	Display
Time setting	2/20/2026 6:40:16 AM
Beep setting	OFF
Brightness	Level 4
Display language	English
Bluetooth® LE name	SCEM800
EW-SW310	
Firmware version	3.1.0
Serial No.	7K6UIM0FDCB
Switch A	Display / Setting
SW-EM800-L	
Firmware version	3.2.0
Serial No.	0KUUKA0352D
Switch X	Assist up
Switch Y	Assist down
Drive unit settings backed up by an indicator	
Serial No.	7K7UKS1242E
Light/accessory power supply terminal output setting	Always Off
Remaining light capacity	120min
Light output (includes CAN/ABS)	27.00W
Walk assist	ON
Tire circumference	2300mm
Gear shifting type	Derailleur type (chain)
Shifting method	Mechanical
Rear speeds	12Speeds
Front chainring	34T
Smallest rear sprocket	10T
Drive unit installation angle	0°

Drive unit Error history

E201002 2/19/2026 8:51:55 PM

A communication error was detected between the microcontrollers inside the drive unit.

Operational restrictions Assist will not be provided when riding.
being displayed

E201002 2/19/2026 8:51:25 PM

A communication error was detected between the microcontrollers inside the drive unit.

Operational restrictions Assist will not be provided when riding.
being displayed

E609550 -

Abnormality detected in drive unit's firmware.

Operational restrictions No system functions will start.
being displayed

E609550 -

Abnormality detected in drive unit's firmware.

Operational restrictions No system functions will start.
being displayed

E914100 -

A communication error was detected between the battery and drive unit for a certain amount of time or longer.

Operational restrictions Assist will not be provided when riding.
being displayed

E914100 -

A communication error was detected between the battery and drive unit for a certain amount of time or longer.

Operational restrictions Assist will not be provided when riding.
being displayed

E-TUBE PROJECT Professional V5 classifies errors and warnings into more detailed categories according to the cause.

For this reason, the error and warning numbers that are displayed on E-TUBE PROJECT Professional V5 may differ from those displayed on your cycle computer or smartphone applications offered by SHIMANO.

Error check results**BT-EN806**

Can communications with the battery be established properly?	Normal
Do LEDs work properly?	Normal

DU-EP801

Are there any internal failures?	Normal
Can the torque be detected?	Normal
Can the vehicle speed be detected?	Normal
Can the cadence be detected?	Normal
Does the light work properly?	SKIP

SC-EM800

Does the display area work properly?	Normal
Beeping sounds	Normal
Do the switches work properly?	Normal
Does the wireless function work properly?	Normal

SW-EM800-L

Do the switches work properly?	Normal
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EW-SW310

Does the display area work properly?	Normal
Do the switches work properly?	Normal

Maintenance check

Battery

- Can the power be turned ON or OFF normally? Yes No
- Can it be charged? Yes No
- Is it installed correctly? Yes No
- Is there any damage to the main body, contact points, charging port, or key cylinder that may affect its function? Yes No
- Part replacement due to malfunction Required Not required Replaced
Product name ()
- Part replacement due to deterioration or wear Required Not required Replaced
Product name ()

Drive unit

- Do all the functions work properly such as providing assist power for each assist mode? Yes No
- Is it installed correctly? Yes No
- Is there any damage that may affect its function? Yes No
- Part replacement due to malfunction Required Not required Replaced
Product name ()
- Part replacement due to deterioration or wear Required Not required Replaced
Product name ()

Assist switch

- Do all the functions work properly such as switching between the assist modes? Yes No
- Is it installed correctly? Yes No
- Is there any damage that may affect its function? Yes No
- Part replacement due to malfunction Required Not required Replaced
Product name ()
- Part replacement due to deterioration or wear Required Not required Replaced
Product name ()

Electric cable

- Is it installed correctly? Yes No
- Is there any damage that may affect its function? Yes No
- Part replacement due to malfunction Required Not required Replaced
Product name ()
- Part replacement due to deterioration or wear Required Not required Replaced
Product name ()

Computer

- Do all the functions work properly such as switching between the displays? Yes No
- Is it installed correctly? Yes No
- Is there any damage that may affect its function? Yes No
- Part replacement due to malfunction Required Not required Replaced
Product name ()
- Part replacement due to deterioration or wear Required Not required Replaced
Product name ()

Lights

- Do the lights turn ON or OFF normally? Yes No
- Is it installed correctly? Yes No
- Is there any damage that may affect its function? Yes No
- Part replacement due to malfunction Required Not required Replaced
Product name ()
- Part replacement due to deterioration or wear Required Not required Replaced
Product name ()

Pedal

- Do the rotating parts work normally? Yes No
- Is it installed correctly? Yes No
- Is there any damage that may affect its function? Yes No
- Part replacement due to malfunction Required Not required Replaced
Product name ()
- Part replacement due to deterioration or wear Required Not required Replaced
Product name ()

Gear shifting system

Do all the functions work properly such as shifting gears? Yes No

Is it installed correctly? Yes No

Is there any damage that may affect its function? Yes No

Part replacement due to malfunction Required Not required Replaced
Product name ()

Part replacement due to deterioration or wear Required Not required Replaced
Product name ()

Drive system

Do drive and other functions work properly? Yes No

Is it installed correctly? Yes No

Is there any damage that may affect its function? Yes No

Part replacement due to malfunction Required Not required Replaced
Product name ()

Part replacement due to deterioration or wear Required Not required Replaced
Product name ()

Brake

Do all the functions work properly such as braking? Yes No

Is it installed correctly? Yes No

Is there any damage that may affect its function? Yes No

Part replacement due to malfunction Required Not required Replaced
Product name (Front rotor)

Part replacement due to deterioration or wear Required Not required Replaced
Product name ()

Sensors

Do they work properly? Yes No

Is it installed correctly? Yes No

Is there any damage that may affect its function? Yes No

Part replacement due to malfunction Required Not required Replaced
Product name ()

Part replacement due to deterioration or wear Required Not required Replaced
Product name ()

Wheel

Does it rotate properly? Yes No

Is it installed correctly? Yes No

Is there any damage that may affect its function? Yes No

Part replacement due to malfunction Required Not required Replaced
Product name ()

Part replacement due to deterioration or wear Required Not required Replaced
Product name ()

Notes