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CNS (Electric Power Assistance Bicycle)

- Why do you need E bikes?
- FAQ to Power Cycle?
- CNS14126
- OPTIONAL

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Why do you need E bikes?

1. Be easier to pedal.
2. No sweat on a bike.
3. Traffic is jammed.
4. Older ages.
5. Environment niches.
6. Power enthusiast.

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FAQ to Power Cycle?

1. Need special skill to ride?
2. How does the power to work?
3. What is the maximum speed?
4. When a battery deteriorate?
5. How long should recharge?
6. How far can the powercycle travel?
7. How long is the cycle life of battery?
8. What is the temperature range for the battery operation and storage?

CNS 14126(Electric Power Assistance Bicycle)

1. Standard Documents: CNS 14126, 366 Chapter 3
2. Contents:
   - 2.1. Complete Bicycle: Fellow CNS366 Chapter 3
   - 2.2. Weight: Not larger than 40kg.(Include Battery)
   - 2.3. Battery Voltage: Not larger than 48V
   - 2.4 Motor Power : Not larger than 400W
   - 2.5. Power output: Stop power supplying in 3 seconds without peddling
   - 2.6. Overspeed cut-off : If speed exceed 30km/hr, the power supply should be cut-off automatically and temporarily within 3 seconds
   - 2.7. Braking cut-off : The power supply should be cut-off automatically and temporarily within 3 seconds
   - 2.8. Malfunction cut-off : The power supply should be cut-off automatically within 3 seconds

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Optional:

1. Recharge Efficiency: Larger than 80%
2. Initial Travel: Larger than 20Km
3. Total Travel: Larger than 750KM until
   reaches 60% of initial travel at the last time.