

# Voltway S1 V2 Pro

**Overview:** Performance upgrade with higher power and premium components.

**Bill of Materials:**

| Part ID | Part Name                         | Qty | Notes        |
|---------|-----------------------------------|-----|--------------|
| P304    | S1 V2 750W Brushless Motor        | 1   |              |
| P305    | S1 V2 Li-Po 48V 12Ah Battery Pack | 1   |              |
| P306    | S1 V2 Digital Controller ZP       | 1   |              |
| P307    | S1 V2 Carbon Fiber Frame          | 1   |              |
| P329    | OLED Dashboard Display            | 1   |              |
| P330    | 12-inch Alloy Wheel               | 2   | Front & Rear |
| P331    | Hydraulic Disc Brake              | 1   | 180 mm rotor |
| P332    | Advanced LED Headlight with DRL   | 1   |              |
| P333    | Fast Charger 42V 2A               | 1   | 2.0 A        |
| P334    | Power Cable                       | 1   |              |
| P335    | Comfort Seat                      | 1   | Optional     |
| P336    | Rear Fender                       | 1   |              |
| P337    | Hex Nut                           | 12  | M6           |
| P338    | Lock Washer                       | 12  | M6           |

**Assembly Requirements:**

- Torque motor mounting bolts to **40 Nm** due to higher power.
  - Verify firmware version  $\geq$  v1.2 on Digital Controller ZP.
  - Perform waterproofing seal test on Carbon Fiber Frame joints.
  - Calibrate hydraulic brake pads for 0.2 mm rotor clearance.
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