

UCC SERIES

UCC-100Z

Multifunctional Coordinator with built-in Wireless unit for UBX-AF Series



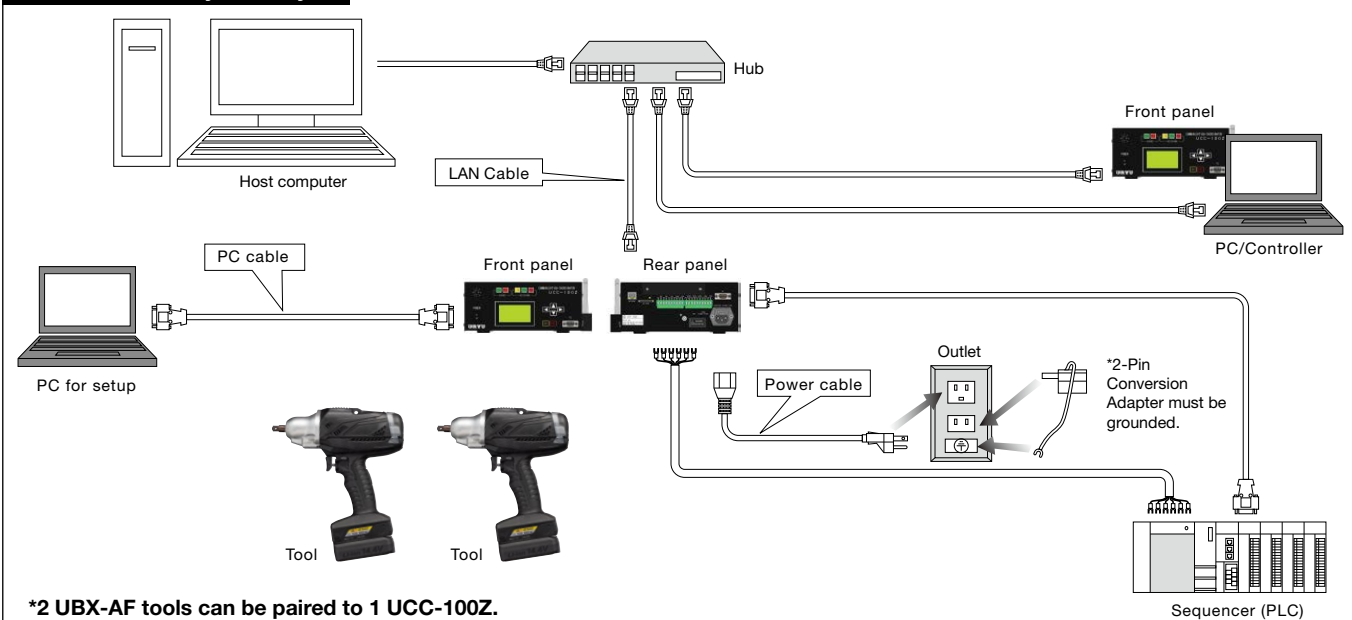
UCC SERIES SPECIFICATIONS

| MODEL | UCC-100Z |
|------------------------|--|
| POWER SUPPLY | AC 100-240V $\pm 10\%$ |
| POWER FREQUENCY | 50/60 Hz |
| INSULATION PROTECTION | DC500V over 10M Ω |
| POWER CONSUMPTION | 35VA |
| WEIGHT | 2.9kg |
| DIMENSIONS | Without antenna 254(D) \times 222(W) \times 99(H) / With antenna 254(D) \times 233.5(W) \times 106(H) |
| MAIN FUNCTIONS | Torque Control / Angle Monitoring / Fastening Counter |
| PARAMETER SETUP | Manual Input on LCD Panel / Personal Computer (with setup software) |
| DISPLAY | Torque Resolution ± 2048 (12Bit A/D) LCD: 20 Characters \times 8 lines Contents: WORK NO. / FASTENING COUNT DOWN NO. / FASTENING TIME / PULSE NO. / ANGLE / ERROR MESSAGE |
| LAMP | COUNT LAMP: OK (Green) / NOK (Red) FASTENING LAMP: LOW (Yellow) / OK (Green) / HIGH (Red) |
| INPUT TERMINAL SIGNAL | Operation Voltage / Current: DC24V / approx. 10mA, 6 Terminals (free format) Note: Contact input necessary |
| OUTPUT TERMINAL SIGNAL | Contact Capacity: DC30V, 1A, 6 Terminals (free format) |
| OPTION | Setting PC Cable (Straight) Part Number: 910-219-0 |
| CODE (A/E) | 81Z12/81Z02 |

UCC-100Z

UBX-AF Series

UCC-100Z Series System Layout



UBX-AF SERIES

Best Performance Battery Tools equipped with Newly Developed PHOENIX pulse, Auto-Relief and Torque & Angle Sensor

BOLT & NUT SETTERS



UBX-AF500Z



UBX-AF600Z



UBX-AF700Z

* For information on the Radio Law in your country, please contact your nearest URYU distributor.

FEATURE

New design with No springs helps to overcome challenges with conventional pulse tools.

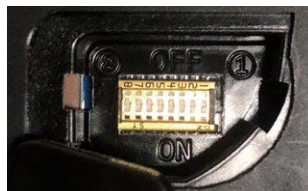
- More powerful
- Minimizes temperature increase
- No need to warm up before use

Improved Durability

Low oil pressure inside the pulse unit reduces the pressure against sealing, which minimizes oil leakage.

Newly designed Auto-Relief (PAT.P) is not affected by oil degradation.

Upsized LED lamp enables operators to judge OK/NOK easily in any posture.



Pairing parameter is selectable from 3 types;

1. Manual Pairing by dip switches
2. Pairing through software
3. Wireless pairing

Fastening parameters are memorized in UCC-100Z coordinator.
Quick tool change only by pairing!

Specifications

| Model | Capacity (Nominal Bolt Size) | | Torque Range | | Free Speed (Approx.) | Overall Length less Socket or Bit (Approx.) | | Weight less Socket or Bit | | | | From Center to Outside (Approx.) | | Sq. Drive or Hex. Size | | Battery Voltage (Capacity) | Battery Model (Panasonic) | Number of fastening per minute * | Fastener quantity per full charge | Code |
|------------|---------------------------------|----------|--------------|-----------|----------------------------|--|-------|---------------------------------|------|-----------------|------|--|--------|------------------------------|-----|----------------------------------|---------------------------------|--|--|-------|
| | mm | in | Nm | ft-lbs | min ⁻¹ | mm | in | with battery | | with no battery | | mm | in | mm | in | | | | | |
| | | | | | | | | kg | lb | kg | lb | | | | | | | | | |
| UBX-AF500Z | 6-8 | 1/4-5/16 | 5.0-20.0 | 3.7-14.8 | 3600 | 219 | 8 5/8 | 1.82 | 4.01 | 1.52 | 3.35 | 29.5 | 1 5/32 | 9.5 | 3/8 | 10.8V(2.0Ah) | EYFB32 | 11 | 440 | 12A12 |
| UBX-AF600Z | 8-10 | 5/16-3/8 | 15.0-40.0 | 11.1-29.5 | 4800 | 219 | 8 5/8 | 1.87 | 4.12 | 1.52 | 3.35 | 29.5 | 1 5/32 | 9.5 | 3/8 | 14.4V(2.0Ah) | EYFB41 | 10 | 320 | 12A32 |
| UBX-AF700Z | 8-12 | 5/16-1/2 | 25.0-60.0 | 18.4-44.3 | 4800 | 219 | 8 5/8 | 1.91 | 4.21 | 1.56 | 3.44 | 29.5 | 1 5/32 | 9.5 | 3/8 | 14.4V(2.0Ah) | EYFB41 | 9 | 320 | 12A52 |

*Torque Range is a guideline value. Please make tool selection appropriately in accordance with an actual application.

*Battery or Battery Charger is not included. Please use EY0L82 (Panasonic) for Battery Charger.

*Calculated under URYU test condition. It varies depending on the usage condition.