

The second generation UT658 series USB testers can inspect USB chargers, portable power sources, USB type A and C cables and other electronic charging devices. UT658 measures output voltage, current, energy, capacity, circuit equivalent resistance, D+ and D- voltages of USB data cables. This series is designed to be precise, reliable, stable, and portable. They are great tools for applications such as manufacturing verification, engineering testing, and DIYers.



Tester with electronic load (UT658LOAD)



| Specifications | Description | UT658A | UT658C | UT658DUAL | UT658LOAD |
|---|-----------------------------------|---------|---------|---------------|-----------|
| Certificates | CE, UKCA | | | | |
| Input & Output ports (Type A) | | √ | | √ | √ |
| Input & Output ports (Type C) | | | √ | √ | |
| Data/charging protocol | | 2.0/3.0 | 2.0/4.0 | 2.0/(3.0/4.0) | 2.0/3.0 |
| Voltage range | 4~24VDC, resolution: 0.01V | √ | √ | √ | √ |
| Current range (Type-A) | 0.05~3ADC, resolution: 0.01A | √ | | √ | √ |
| Current range (Type-C) | 0.05~5ADC, resolution: 0.01A | | √ | √ | |
| Capacity | 0~99999mAh, resolution: 1mAh | √ | √ | √ | √ |
| Energy | 0~1000Wh | √ | √ | √ | √ |
| Circuit equivalent resistance measurement | 1~480Ω | √ | √ | √ | √ |
| USB data cable voltage (D+, D-) | 0~3.3V | √ | √ | √ | √ |
| Data storage | 10 sets | √ | √ | √ | √ |
| Electrical load (UT658LOAD only) | 0.5A, 1A, 2A, 3A (Max power: 60W) | | | | √ |
| Maximum recording time | 99h, 59min, 59sec; resolution: 1s | √ | √ | √ | √ |
| Fast charge protocol (Type-A) | QC 3.0 fast charge protocol | √ | | √ | √ |
| Fast charge protocol (Type-C) | QC 4.0 fast charge protocol | | √ | √ | |

| Characteristics | |
|------------------------------|---|
| Product size | UT658A/C: 93 x 45 x 13mm; UT658DUAL: 93 x 55 x 13mm; UT658LOAD: 122 x 53 x 27mm |
| Product net weight | UT658A/C: 50.6g; UT658DUAL: 65.8g; UT658LOAD: 114.4g; |
| Standard individual packing | Gift box, English manual |
| Standard quantity per carton | 60pcs |
| Standard carton measurement | UT658A/C/DUAL: 280 x 220 x 225mm; UT658LOAD: 320 x 300 x 225mm |
| Standard carton gross weight | UT658A/C: 4kg; UT658DUAL: 5.5kg; UT658LOAD: 9kg; |