



Three Phase LV Postpaid Metering Unit

MU34 Series Metering Unit

Brief Introduction

MU34 series metering box is specifically designed for post-paid metering scenarios of low-voltage high-current users. Its core unit is an integrated cast-in-place current transformer. The feature lies in the integration of voltage and current sampling terminals, as well as the main circuit copper bar, with the current transformer. This design results in a highly integrated product with strong weather resistance and convenient installation. It is the preferred choice for post-paid electric energy metering in residential areas, shops, and small-scale industries.

The current transformer seamlessly integrates three current transformers. It has a compact structure, strong sealing, and is moisture-proof, dust-proof, corrosion-proof, and condensation-proof. It has no air gaps and no leakage, and can operate stably for a long time in various complex environments. Its flame-retardant and self-extinguishing characteristics eliminate the risk of fire and explosion, ensuring electrical safety.

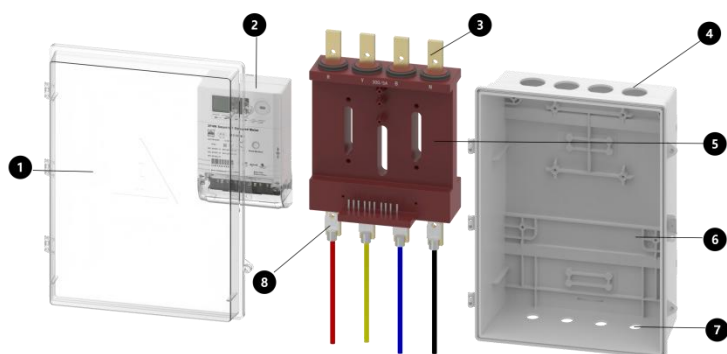


Technical Specifications

Name	Technical Parameters	Name	Technical Parameters
Rated Current	100/200/300/500/800A	Rated Voltage	400/415V
Rated Secondary Current	5A	Power Frequency withstand Voltage	3kV/min
CT Accuracy Class	0.5S	Rated Insulation Level	0.72kV
CT Ratio	100/5,200/5,300/5,500/5,800/5	Overload Withstand	120%
System Frequency	50/60Hz	Box Thickness	Top cover 2.7mm, base 4.5mm
Insulation Class	Class E	Box Material	Top cover : PC; Base: PC+10%GF



Components



- ① Top cover
- ② Energy meter
- ③ Bus bar
- ④ Top incoming hole
- ⑤ Current transformer
- ⑥ Base
- ⑦ Bottom outgoing hole
- ⑧ Terminal block

Installation



Installation Accessories

Option installation accessories
(cost will be different based on the accessories):



- 4pcs incoming copper lugs
- 4pcs outgoing copper lugs



- 4PCS PG19



- 4pcs Rubber seal



- 3PCS M4*10*8 mm
Cross head screw



- 2PCS 1000*12*0.5mm
Stainless steel strap



- 4PCS M6*80mm
Expand bolt

Dimension Drawing

