

18 UR AC Transformer

Product Features

- Transformer achieves localized heating and fusion of metal workpieces through low voltage and high current. Constructed with a high-permeability silicon steel core and copper windings, it offers high reliability and rapid response characteristics, making it suitable for automotive manufacturing, metal processing, and electronic component welding.
- Transformer secondary output has low voltage and high current.
- Transformers are vital core components in power transmission and electronic devices, achieving voltage transformation and efficient energy transfer through electromagnetic induction.
- One working frequency (50KHz or 60KHz).
- Built-in impedance compensation for stable performance. Low-voltage, high-current design for safe and efficient welding.
- Long lifespan with minimal maintenance.



Transformer Specifications

Model	URA-100	URA-160	URA-200	URA-250
Primary power	380V	380V	380V	380V
Rated Power	100KVA	150KVA	200KVA	250KVA
Cooling Method	Water-cooling	Water-cooling	Water-cooling	Water-cooling
Input Frequency	50kHz	50kHz	50kHz or 60kHz	50kHz or 60kHz
Duty cycle	50%	50%	50%	50%
Secondary no-load Voltage	8.63V	9.5V	9.5V	10.0V
Short circuit Current	32KA	36KA	40KA	45KA
Continuous Current	8.2KA	9.5KA	11.9KA	14.0KA
Cooling Water Flow	12L/m	24L/m	24L/m	24L/m
Size	380*220*320mm	510*222*376mm	460*255*460mm	581*230*443mm
Weight	150KG	200KG	260KG	320KG

