

EU Type Examination Certificate Number: 0120/SGS0496

Jiangsu Acrel Electrical Manufacturing Co. Ltd

No.5, Dongmeng Road
Nanzha
Jiangyin
Jiangsu
China

Instrument Identification

ADL 200

Single Phase, Active Import/Export kWh, Electricity Meter

Instrument Traceable Number

0120/SGS0496

has been assessed and certified as meeting the requirements of

EU Directive 2014/32/EU

on Measuring Instruments Annex II, Module B

It is certified that the manufacturer's technical design and specimen for the above instrument has been examined and, based on the evidence submitted, it is considered that the instrument conforms to the requirements of Annex V of EU Directive 2014/32/EU

This certificate must be used in conjunction with a certificate covering the product verification as required in Annex II, Module D or Annex II, Module F

This certificate is valid for 10 years from 22nd July 2021 until 21st July 2031

Issue 1

Certification is based on report number(s):

SHES210300533901 dated 22nd July 2021

EMA291445/1/TR50579 dated 26th June 2021, EMA291445/1

Authorised Signature



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Dated: 22nd July 2021**1. Technical Data**

| | |
|--|---|
| Manufacturer | Jiangsu Acrel Electrical Manufacturing Co. Ltd |
| Meter Type | ADL200 |
| Voltage Rating (U_n) | 230V |
| Current Rating ($I_{min} - I_{ref} (I_{max})$) | 0.5-10(80)A |
| Frequency (F_n) | 50Hz |
| Active Accuracy Class (kWh) | A or B (kWh) |
| Type of circuit | 1p2w |
| Temperature Range | -25°C to +55°C |
| Software/ Firmware Version No | V1.01 |
| CRC Checksum No | 4f79CA68 |
| Identification Location | LCD |
| Bill Of Materials No. | YZ.40.08.00008 |
| IP Rating | IP51 Must be installed in a suitable IP rated enclosure |
| Insulation Protective Class | Class II |
| LED Pulse Constant | 1000imp/kWh |
| Impulse Voltage Rating | 6kV |
| AC Voltage Rating | 4kV |
| Main Cover Sealing Type | Main cover clipped in place and sealed with tamper proof sealing tape |
| Integrity of meter | Inaccessible without breaking seals |
| Intended Location of the Meter | Indoor |
| Type of Register | LCD |
| Terminal Arrangement(s) | DIN |
| Location of Manufacturers Address | Nameplate & Associated Documents |