

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 22<sup>nd</sup> July 2021 until 21<sup>st</sup> July 2031

Issue 1

Certification is based on report number(s):

SHES210300533901 dated 22<sup>nd</sup> July 2021

EMA291445/1/TR50579 dated 26<sup>th</sup> June 2021, EMA291445/1

Authorised Signature



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EU-Type Examination Certificate Number:

**0120/SGS0496**

Issue Number: 1

Dated: 22<sup>nd</sup> July 2021**1. Technical Data**

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