EU Type Examination Certificate Number: **0120/SGS0676**

Jiangsu Acrel Electrical Manufacturing. Co., Ltd

No.5, Dongmeng Road
Nanzha
Jiangyin
Jiangsu
China

Instrument Identification:
ADL200N-CT

Single Phase, Active Import/Export kWh, Electricity Meter

Instrument Traceable Number
0120/SGS0676

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 3 September 2024 until 2 September 2034
Issue 1

Certification is based on report number(s):
SHES231102081801 dated 23rd August 2024, SHES231102081802 dated 23rd August 2024
EMA327529/1

Authorised Signature

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	EU-Type Examination Certificate Number:	
	0120/SGS0676	
	Issue Number:1	Dated: 3rd September 2024

1. Technical Data

Manufacturer	Jiangsu Acrel Electrical Manufacturing Co. Ltd
Meter Type	ADL200N-CT
Voltage Rating *(Un)*	230V
Current Rating *(Imin – Iref (Imax))*	0.5-10(80)A, 0.5-10(120)A
Frequency *(Fn)*	50/60Hz
Active Accuracy Class *(kWh)*	A or B (kWh)
Type of circuit	1p2w
Temperature Range	-40ºC to +70ºC
Software/ Firmware Version No.	2993 V1.05
CRC Checksum	B66C881F
Identification Location	LCD
Bill of Materials No.	YZ.40.16.00023
IP Rating	IP51 Must be installed in a suitable IP rated enclosure
Insulation Protective Class	Class II
LED Pulse Constant	500 imp/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 or Associated Documents

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