

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