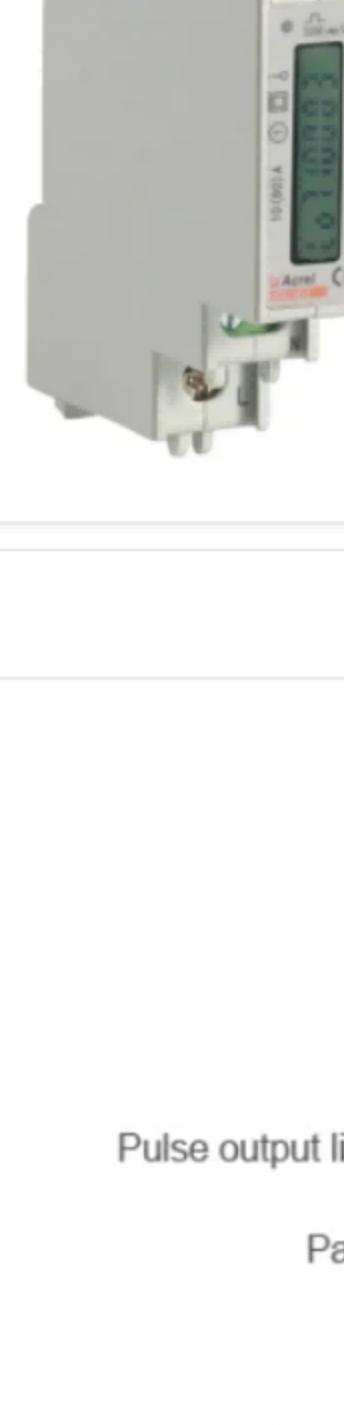
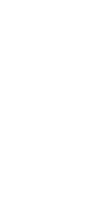
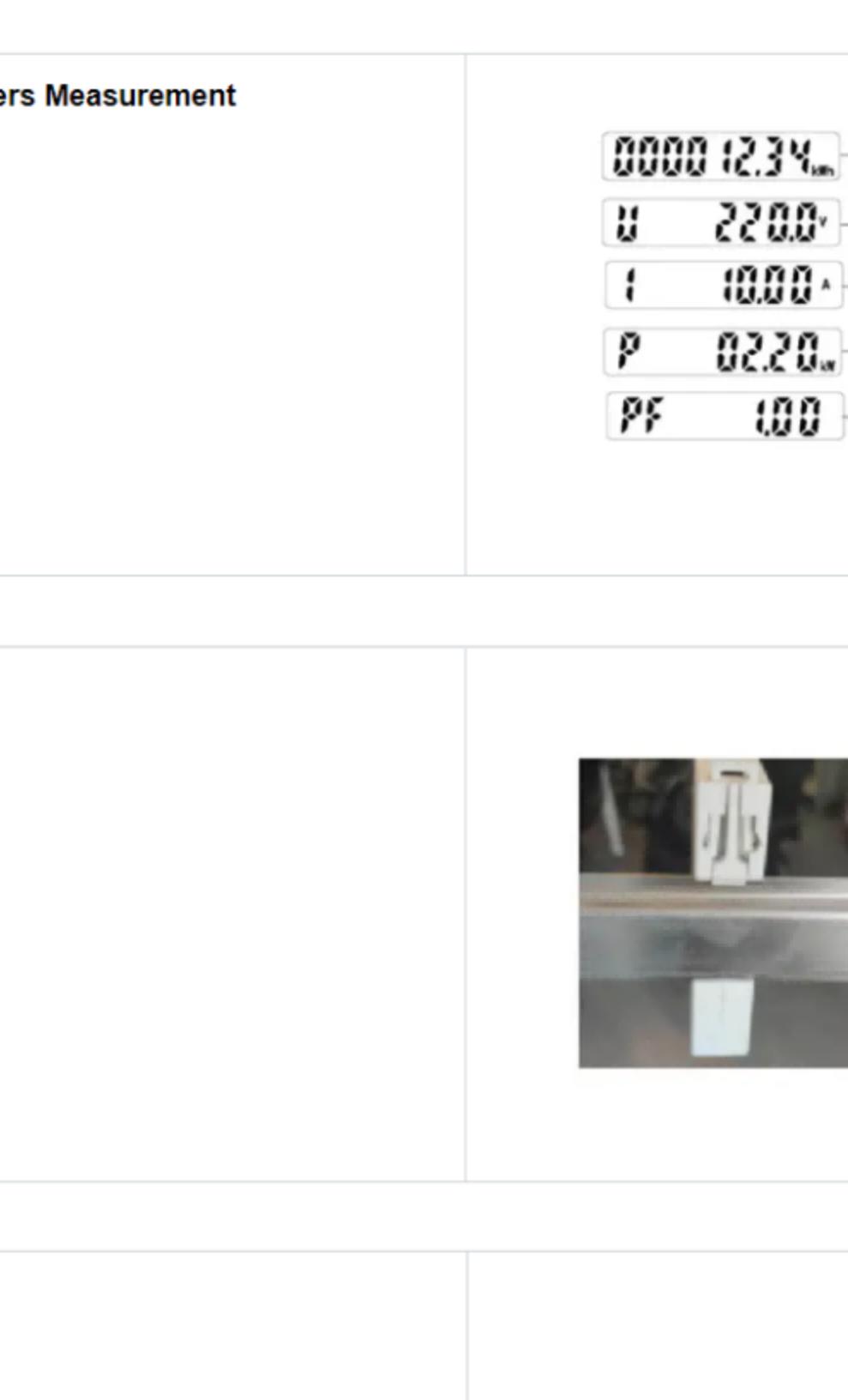
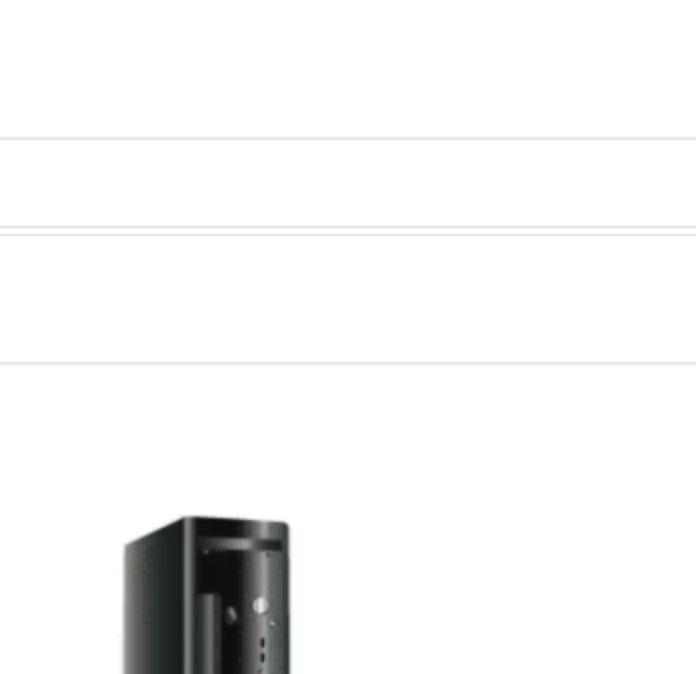


**1-phase 2-wire****35mm DIN Rail****Direct Load 60A****MODBUS-RTU****ADL10-E Single-phase DIN Rail Energy Meter**

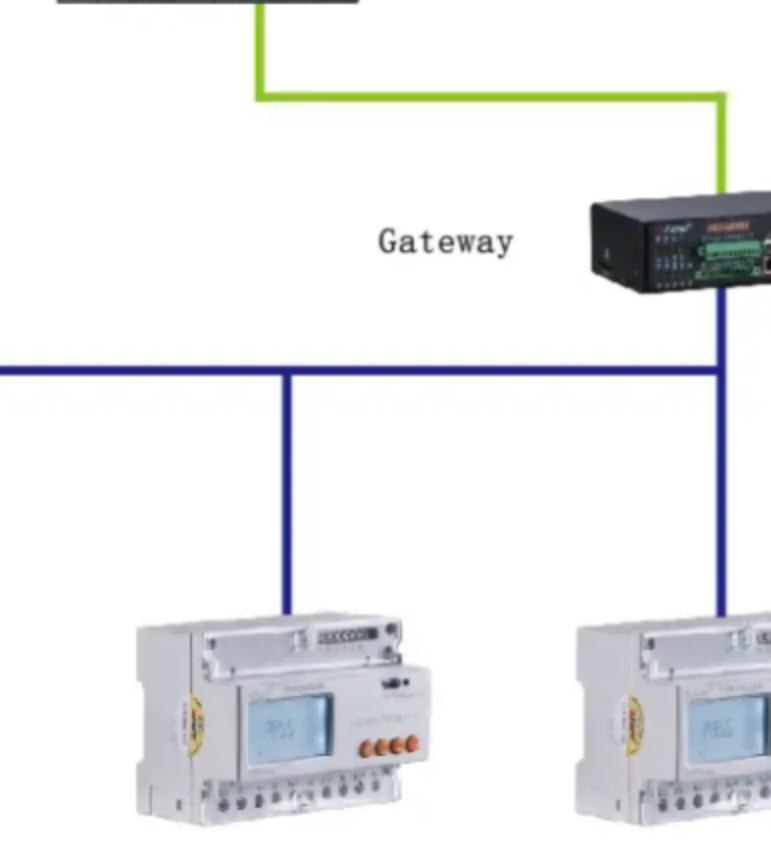
- Reference Voltage: 220V
- Input Current: 10 (60) A
- Small Compact Size
- Diverse Electricity Parameters Measurement
- DIN Rail Installation
- LCD Display
- RS485 (MODBUS-RTU)
- IEC62053-21:2003; IEC62053-22:2003; CE; EAC

**CONTACT US****Features****Small Compact Size**

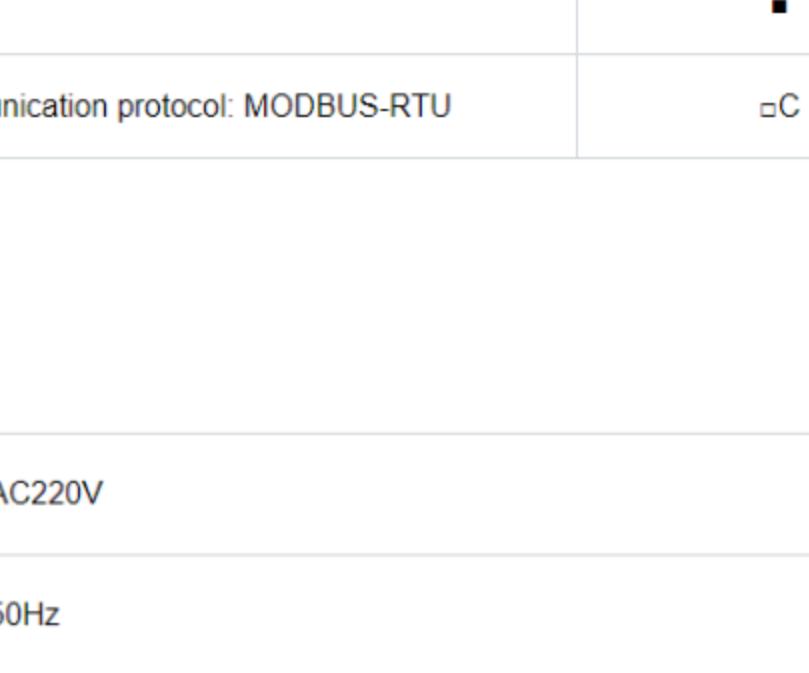
- Dimension (L\*W\*H): 18mm\*88mm\*70mm

**Diverse Electricity Parameters Measurement**

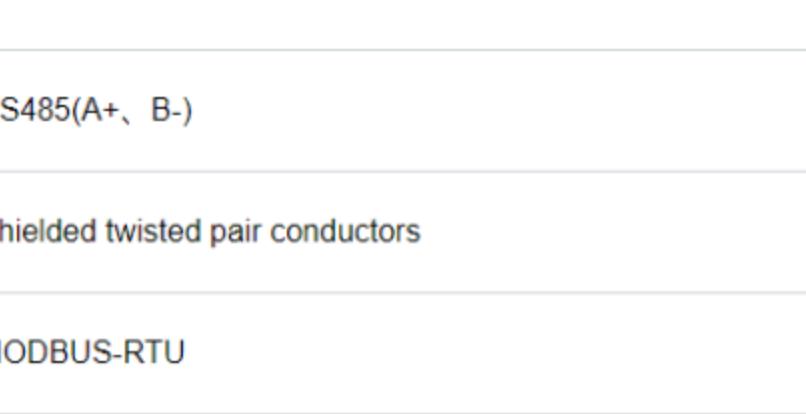
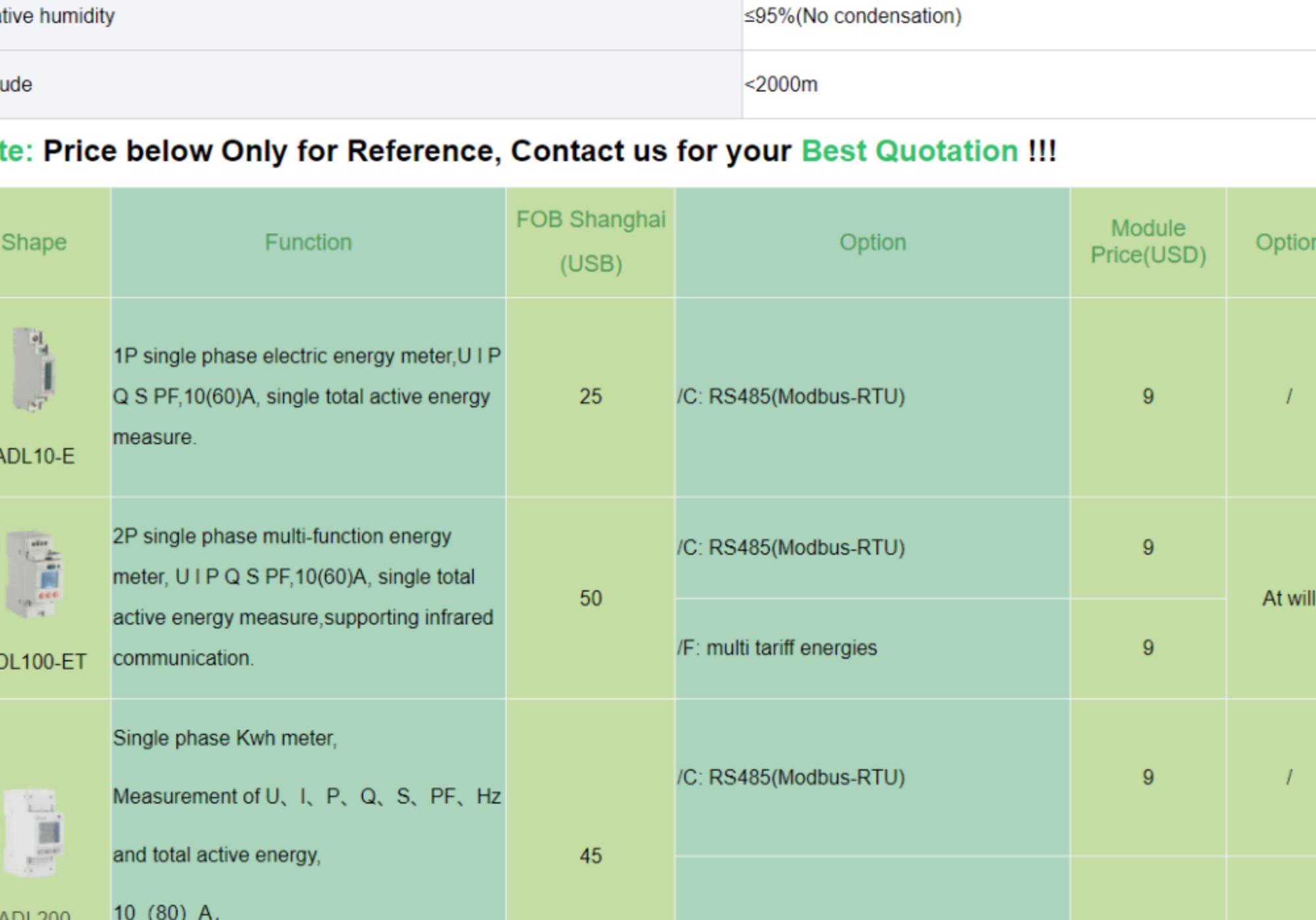
- U (Voltage)
- I (Current)
- P (Power)
- Q (Reactive power)
- S (Apparent power)
- PF (Power factor)
- kWh (Kilowatt-hours)
- kvarh (Kilovar-hours)

**DIN Rail Installation**

- 35mm standard DIN rail

**LCD Display**

- 8 digits

**Typical Connection****1.Functions**

Function	Function description		Function provide
Measurement of kWh	Single-phase active kWh (positive and negative)		■
Measurement of electrical parameters	Voltage, Current, Active power, Reactive power, Apparent power, Power factor and Frequency		■
LCD Display	8 bits section LCD display		■
Communication	Communication interface: RS485, Communication protocol: MODBUS-RTU		□C

(■: means standard; □: means optional)

**2.Technical parameter****2.1 Electric performance**

Input voltage	Reference voltage	AC220V
	Reference frequency	50Hz
	Power consumption	<10VA
Input current	Basic current	10A
	Maximum current	60A
	Starting current	0.004lb
	Consumption	<4VA (Maximum current)
Measurement performance	Accuracy of measuring	1 Class
	Range of measuring	000000.00~999999.99kWh
Communication	Interface	RS485(A+, B-)
	Connection mode	Shielded twisted pair conductors
	Protocol	MODBUS-RTU

**2.2 Mechanical performance**

Outline (Length × Width × Height)	18mm×96 mm×70mm
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Range of temperature	Working temperature	-25°C~55°C
	Storing temperature	-40°C~70°C

Relative humidity	≤95%(No condensation)	
Altitude	<2000m	

2.3 Work environment	Working temperature		-25°C~55°C
	Storing temperature		-40°C~70°C

Note: Price below Only for Reference, Contact us for your Best Quotation !!!		
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Shape	Function	FOB Shanghai (USB)	Option	Module Price(USD)	Option
ADL10-E	1P single phase electric energy meter,U I P Q S PF,10(60)A, single total active energy measure.	25	/C: RS485(Modbus-RTU)	9	/
ADL100-ET	2P single phase multi-function energy meter, U I P Q S PF,10(60)A, single total active energy measure,supporting infrared communication.	50	/C: RS485(Modbus-RTU)	9	At will
			/F: multi tariff energies	9	
ADL200	Single phase Kwh meter, Measurement of U, I, P, Q, S, PF, Hz and total active energy, 10 (80) A, Accuracy: class 1	45	/C: RS485(Modbus-RTU)	9	/
			/F:Multi tariff	9	
ADL400	Three phase Kwh meter, Measurement of U, I, P, Q, S, PF, F and harmonic, 3*1(6)A,3*10(80)A, Accuracy: active energy: class 0.5s, reactive energy: class 2	67	/C: RS485(Modbus-RTU)	9	At will
			/F:Multi tariff	9	
ADL3000-E	7P three phase multi-function energy meter, U I P Q S PF,3*1(6)A or 3*10(80)A, split-phase forward active energy calculation,total forward and reverse active or reactive energy calculation,2-31st harmonic, supporting infrared communication.	100	/C: RS485(Modbus-RTU)	9	K,2C, T can only one
			/F: multi tariff energies	9	
			/K: 1DI/1DO	5	
			/2C: the second route RS485(Modbus-RTU)	5	
			/T: three channels temperature measurement(NTC)	9	
			/H:2-31st harmonic	6	
ADL3000-E/CT (3 split transformers included)	7P three phase multi-function energy meter, U I P Q S PF, 3*1(6)A or 3*10(100)A,split-phase forward active energy calculation,total forward and reverse active or reactive energy calculation,2-31st harmonic, supporting infrared communication,3 split transformers spec: 5A:1.25mA.	145	/C: RS485(Modbus-RTU)	9	K,2C, T can only one
			/F: multi tariff energies	9	
			/K: 1DI/1DO	5	
			/2C: the second route RS485(Modbus-RTU)	5	
			/T: three channels temperature measurement(NTC)	9	

Outline (Length × Width × Height)	18mm×96 mm×70mm
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Range of temperature	Working temperature	-25°C~55°C
	Storing temperature	-40°C~70°C

Relative humidity	≤95%(No condensation)	
Altitude	<2000m	