



Multifunction Digital DC Energy Power Meter for Solar PV Energy Generation Monitor

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Golden Electric /OEM
- Certification: ISO 9001, ISO 9000, ISO 14001, ISO 14000, ISO 20000, OHSAS/ OHSMS 18001, IATF16949
- Minimum Order Quantity: 1
- Packaging Details: Carton/Pallet
- Delivery Time: Peak Season Lead Time: more than 12 months Off Season Lead Time: within 15 workdays
- Payment Terms: LC, T/T, PayPal, Western Union
- Supply Ability: 5000/Month



Product Specification

- Model NO.: E-115 SERIES
- Theory: Electronic Meter
- Power Meter Connection: Terminal
- Measured Signal: Pulse Peak
- Type: Power Meter
- Customized: Customized
- Frequency: 45-66Hz
- Storage Temperature: -20 ~+70 Centigrade
- Display Type: LCD Or LED
- Accuracy: Class 1/Class0.5
- Power Supply: 3X220V/380V(400V)
- Auxiliary Power Supply: AC 220V
- Input Voltage: 230/400V
- Rated Current: AC1a AC5a
- Altitude: <=2500m



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Product Description

Our Product Introduction

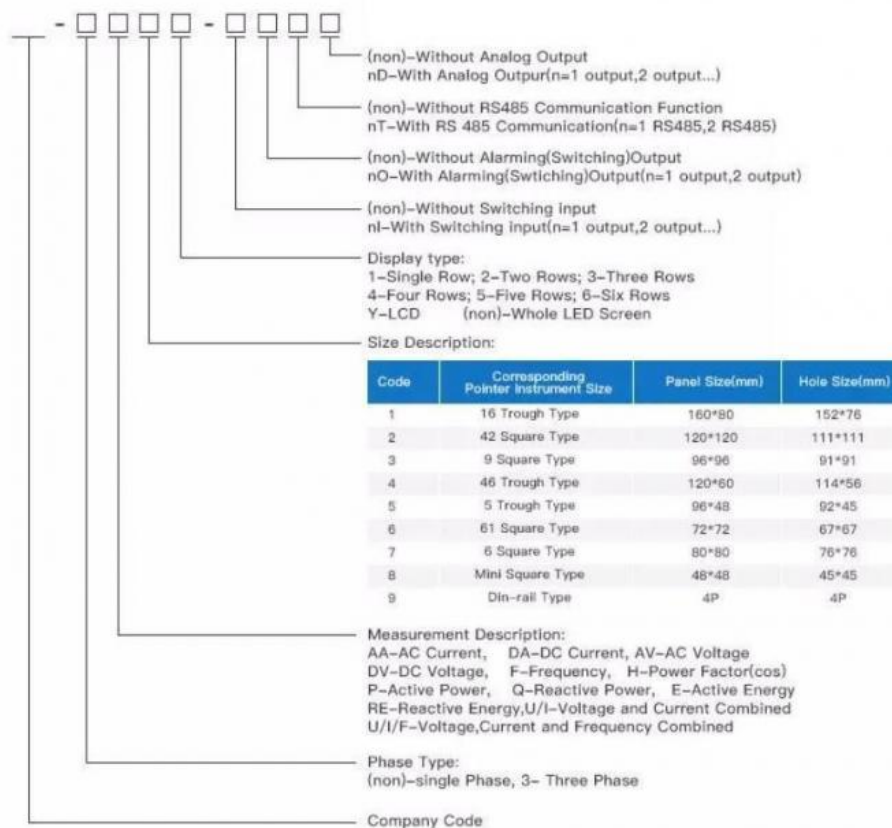
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The three-phase multi-function power monitoring intelligent power acquisition and monitoring device is a smart meter designed for the power monitoring needs of power systems, industrial and mining enterprises, public utilities and smart buildings. It integrates the measurement of power parameters such as single-phase or three-phase current, voltage and active power. Power, reactive power, apparent power, frequency, power factor and power monitoring and evaluation management. At the same time, it has a variety of peripheral interface functions for users to choose: RS485 communication interface, MODBUS-RTU protocol which can meet the needs of communication network management.

Features

- *LCD display 8 digits
- *Measuring parameters: current, voltage, active power, reactive power, active energy, reactive energy, frequency, power factor, four quadrants energy (I, U, kW, kvar, kWh, kvarh, Hz, cosφ)
- *RS485 modbus RTU, 4DI, 2DO, 1 pulse output
- *Optional function: 2-31st harmonics measure
- *SOE (Sequence Of Event)
- *2M (2 channel 4-20ma output)

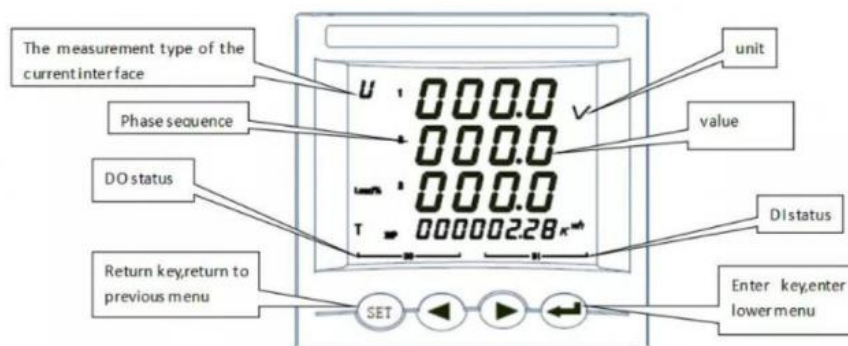


Product Parameters

Accuracy class		Class 0.5
Display mode		LED or LCD
Input	Nominal input	Voltage AC100V, 220V, 380V, etc; current AC1A, 5A, etc.
	Overload	Last: 1.2 times, instantaneous: voltage 2 times/1s, current 10 times/5s
	Frequency	40-65HZ
Current	Working range	AC 220V (Can customize: AC, DC 80 275V)
	Power consumption	<4VA

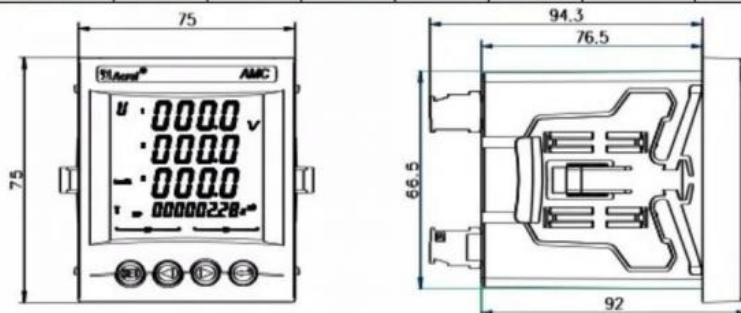
Transmitting output	When it is DC4~20mA current output,load<510,when it is DC0~5V voltage output load>20k
Communication interface	RS-485 interface, Modbus -RUT protocol, default baud rate is 4800(optional 2400,9600)bps
Relay input	Relay output , contact capacity of relay : AC5A/250V resistive, DC5A/30V resistive
Digital input	Digital input, dry contact
Isolation withstand voltage	Power and input >AC42KV power and output >AC2KV output and input >AC/KV
Insulation resistance	>=100M
Mean time between failures	>=50000h
Working condition	Ambient temperature: -10~55C,relative humidity <=93%,location free of corrosive gas
Altitude	<=2500m

Wiring



Dimension

Outline unit : mm	faceplate size		housing size			cutout size	
	width	height	width	height	depth	width	height
72 square	75	75	66.5	66.5	94.3	67	67
96 square	96	96	90	90	77.8	92	92



Installation

Residual Current CT

Solid-Core Models	160A (CT517203, Ø=46 mm)	
	400A (CT517403, Ø=80 mm)	
	1000A (CT517603, Ø=120 mm)	
	630A (CT519703, 220x50 mm)	
Split-Core Models	160A (CT553203, Ø=48 mm)	
	225A (CT553303, Ø=68 mm)	
Primary Input	1A (Residual Current) @ 50/60Hz	-
Secondary Output	0.5mA	-
Range	2-500%	-
Accuracy	Class 0.5 (Solid-Core), Class 3 (Split-Core)	-

Split-Core CT

Models	100A (PMC-SCCT-100A-40mA-16-A, Ø=16mm)	
	200A (PMC-SCCT-200A-40mA-24-A, Ø=24mm)	
	400A (PMC-SCCT-400A-40mA-35-A, Ø=35mm)	
	800A (PMC-SCCT-800A-40mA-A, 80x50mm)	
	1600A (PMC-SCCT-1600A-40mA-A, 130x55mm)	
Primary Input	100A/200A/400A/800A/1600A @ 50/60Hz	-
Secondary Output	40mA	-
Range	0.15%-120%In	-
Accuracy	Class 0.5	-

Packaging & Shipping

Packaging Details:

Customized Packing: Header card packing, Blister with card packing, Double blister packing, Canister packing, other packing can be supplied according customers request.

Shipping:

1. By Air or by Sea for batch goods,Airport/ Port receiving;
2. Customers specifying freight forwarders or negotiable shipping methods!

Delivery Detail:

Shipped in 7 days after payment



Company Profile

- Golden Electric Co.,Ltd ,was foundad in 2017, we are professional for make AC and DC electric items such as cable gland, isolator switch , fuse , breaker , distribution box , PV combiner box ,surge protector, Industrial plug and socket,Solar product and so on.

- Golden has been granted ISO9001 management system certifications. The comprehensive product line has more than 1000 models which have been approved by TUV,CE,CQC,SGS,ROHS,SASO. The productsells well to UK, Spain, Portugal, Singapore, Turkey, Russia, Korea, South Africa... more than 60 countries and regions.

- Golden is always striving hard to provide the best services and competitive price to all customers.

Our Advantages

- 1.Best ensure 100% customer satisfaction.
- 2.Our products have one year guarantee.
- 3.Sample in design and easy to operate and maintain.
- 4.All electrical parts of products are made up for qualified marterials.
- 5.No MOQ limited for the trial order.
- 6.We adopt good credit quality electrical appliances.
- 7.Best customer care and effcient after-sale services.

8. Don't hesitate to inquire us, we will reply you within 12 hours.



FAQ

1. When can I receive your quotation and detail information after send the enquiry?

All your enquiry will be replied within 8 hours.

2. Can I get samples before place an order ?

Of course! We also believe that sample order is the best way to prove the quality. And in our company we offer free sample service! Please send the enquiry to us and get the free sample!

3. Can you print our own logo?

Yes, Our company are available for OEM.

4. How long is the quality guarantee?

2-5 years warranty, our products are 100% inspection.

5. How long is the delivery time?

It usually takes about 3-5 working days for sample order, and 10-20 days for official order.

How to contact us

Send your Inquiry Details in the Below, please Click "send" Now!

Good price and sample are waiting for you.



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