



*We make industrial automation control easier*



Amp Volt Power Energy Meter | Temperature Controller | Humidity Controller | UV Meter | Preset counter | Timer | Frequency/Tacho/Line-Speed Meter | Photo Electric Sensor | Proximity Sensor | Hall Sensor | Safety Light Curtains | Optic Fiber Sensor | Pressure Transmitter | Load Cell | Solid State Relay | Encoder



# COMPANY PROFILE

## About us

Established in 2018, Aposun is a company that dedicates its passion in producing and marketing power energy meter, UV meter, preset counter, temperature controller, universal panel meter and sensors. With excellent product quality + efficient technical + logistic service support, Aposun has created a good reputation worldwide.

## Production line

- Amp Volt Power Energy Meter ---P2
- Preset Counter | Timer | Frequency | Tacho | Line-Speed Meter ---P3
- UV Meters ---P4
- Temperature Indicator & Controller ---P5~P6
- Universal Panel Meter ---P7
- Temperature & Humidity Controller ----P8
- Sensor (Proximity Switch, Photoelectric Sensor, Optical Fiber Sensor, Safety Light Curtain, Pressure Transducer, Load Cell) ---P9
- Solid State Relay ---P10
- Rotary Encoder ---P10

## Warranty

All the APOSUN brand products come with a manufacturer's 12-month warranty. If you encounter any problems with your product during this time period, simply return it to where it was purchased for a brand new replacement. If you cannot contact your retailer, then please email us at [sale@aposunmeter.com](mailto:sale@aposunmeter.com) for assistance.

## Shipping

- By Sea
- By Air
- By Express(including DHL, TNT, FEDEX, UPS, EMS, arriving at your doorsteps within an average of 3-7 days.)

## Our Values

- Professionalism
- Customer's satisfaction
- Good and prompt after-sale support

# Ampere Voltage Power Energy Meter



Product: 3 Phase Multifunction Power Meter

Model: CHD9001

Feature: 96x96mm Monitor energy consumption, schedule time-of-use billing & power quality



Product: LCD Modbus Power Energy Meter

Model: CHD7002

Feature: 72x72mm True RMS measurement & Multi-tariffs Cost-effective & Reduce consumption



Product: 3 Phase LED Power Meter

Model: CHD9000

Feature: 96x96mm Ampere Volt Energy Power Monitor for AC/DC current, voltage, power, power factor, KWH, frequency...in 3-phase system



Product: Single Phase LED Power Meter

Model: CHD900

Feature: 96x96mm 4 buttons operation, user-friendly CT/PT input, True RMS measuring coulometer



Product: 3 Phase Ammeter/Voltage Meter

Model: CHDW93

Feature: 96x96mm 3 phase current/voltage monitoring in 3 windows at the same time, AC measurement, displaying function only



Product: AC DC Amp/Volt Panel Meter

Model: CHDH8

Feature: 48x96mm Dual windows LED display any AC DC ampere/voltage with CT/PT, RMS measurement



Product: 6 Digits Preset Counter | Batch Meter | A+B 2 Channel

Model: CHCMF402

Feature: 48x96 mm Counter meter, Length meter, Batch counter, shift counter, Position counter



Product: 6 Digits Preset Counter | Tachmeter | Length Meter | A+B 2 channel

Model: CHCMF802

Feature: 72x72mm Counter meter, Length meter, Batch counter, shift counter.



Product: 4/8 Digits Counter | Timer | Frequency Meter All In One

Model: CHCN48

Feature: 48x48mm All in one powerful panel meter! Counter, timer & frequency combination. 4/8 digits display



Product: High Counting Speed | Free Write Preset Counter

Model: CHCV4

Feature: 48x48mm 6 digits programmable counter meter, prescale, keylock, up to 10KHz response.



Product: Plug-in Timer

Model: CHTH100A

Feature: 48x48mm Single delay timer, ranges from 0.1 seconds to 99 minutes. Plug-in type.



Product: Digital Timer Switch

Model: CHTH200

Feature: 58x88x68 mm Plug-in type, Two sets of relay output, ranges from 0.01 seconds to 999 hours.



APOSUN provides on-line UV meter and UV lamp hour meter for measuring light sources found in common house & industrial Ultra Violet disinfection systems. Mainly deal with UV air purifier and UV water sterilizer, which makes our life healthy and safe.



Product: UV Light Intensity Meter With Detector

Model: CHS4AM

Feature: 48×48mm size Accumulated timing for UV lamp running-time | UV irradiance low alarm | Running time alarm | UV sensor monitors UVC(273.5nm) | Measure range:0~19999uW/ cm<sup>2</sup>

# Temperature Indicator & Controller



Product: Economic PID Temp. Controller

Model: CHA4

Feature: 48x48mm Input((K, J, E, S, PT100, Cu50,4-20mA, 0-10V)) | PID and ON/OFF Control | Self-adjusting function | accuracy 0.3%F.S, sampling speed  $\leq 300$ ms.



Product: Economic PID Temp. Controller

Model: CHA6

Feature: 48x96mm Input((K, J, E, S, PT100, Cu50,4-20mA, 0-10V)) | PID and ON/OFF Control | Self-adjusting function | accuracy 0.3%F.S, sampling speed  $\leq 300$ ms.



Product: Economic PID Temp. Controller

Model: CHA8

Feature: 96x48mm Input((K, J, E, S, PT100, Cu50,4-20mA, 0-10V)) | PID and ON/OFF Control | Self-adjusting function | accuracy 0.3%F.S, sampling speed  $\leq 300$ ms.



Product: Economic PID Temp. Controller

Model: CHA7

Feature: 72x72mm Input((K, J, E, S, PT100, Cu50,4-20mA, 0-10V)) | PID and ON/OFF Control | Self-adjusting function | accuracy 0.3%F.S, sampling speed  $\leq 300$ ms.



Product: Economic PID Temp. Controller

Model: CHA9

Feature: 96x96mm Input((K, J, E, S, PT100, Cu50,4-20mA, 0-10V)) | PID and ON/OFF Control | Self-adjusting function | accuracy 0.3%F.S, sampling speed  $\leq 300$ ms.



Product: DIN Rail Temperature Controller  
Mini size, Easy operation

Model: CHR-2000

Feature: 22.5x75x94.5mm | Universal input(TC/RTD/Voltage/Current) | PID and ON/OFF Control | Output:(Relay/SSR/Transmission/RS485)

# Temperature & Time Controller



Product: PID Temperature & Time Controller

Model: CHCT100

Feature: 48x48mm Input((K, J, E, PT100)) | PID and ON/OFF Control | Self-adjusting | Build-in time trigger | Preset time range:0~999 s.m.h | Used for heat printer machine



Product: PID Temperature & Time Controller

Model: CHCT400B

Feature: 48x96mm Input((K, J, E, PT100)) | PID and ON/OFF Control | Self-adjusting | Build-in time trigger | Preset time range:0~999 s.m.h | Used for heat printer machine



Product: PID Temperature & Time Controller

Model: CHCT400

Feature: 48x96mm Input((K, J, E, PT100)) | PID and ON/OFF Control | Self-adjusting | Build-in time trigger | Preset time range:0~999 s.m.h | Used for heat printer machine



Product: PID Temperature & Time Controller

Model: CHCT401B

Feature: 96x48mm Input((K, J, E, PT100)) | PID and ON/OFF Control | Self-adjusting | Build-in time trigger | Preset time range:0~999 s.m.h | Used for heat printer machine



Product: PID Temperature & Time Controller

Model: CHCT700

Feature: 72x72mm Input((K, J, E, PT100)) | PID and ON/OFF Control | Self-adjusting | Build-in time trigger | Preset time range:0~999 s.m.h | Used for heat printer machine



Product: Ramp & Soak PID Temperature Controller RS485 or Transmission

Model: CHCDP series

Feature: Universal Input (TC/RTD/Voltage/Current) | PID and ON/OFF Control | Self-adjusting | 10 Segments program temperature & time

# Universal Panel Meters



Product: Real Universal Panel Meter

Model: CHCD100

Feature: 48x48mm | Input: TC (K, S, R, E, J, T, N) RTD (Cu50, Pt100) Analog signals (0-50mV, 10-50mV, 0-5V DC, 0-10V DC, 1-5V DC, 2-10V DC, 4-20mA, 0-20mA, 0-10mA) Rt: 0-80Ω /0-400Ω| PID and ON/OFF Control | Self-adjusting | Output(RS485/Analog output/relay/SSR)



Product: Real Universal Panel Meter

Model: CHCD401

Feature: 96x48mm | Input: TC (K, S, R, E, J, T, N) RTD (Cu50, Pt100) Analog signals (0-50mV, 10-50mV, 0-5V DC, 0-10V DC, 1-5V DC, 2-10V DC, 4-20mA, 0-20mA, 0-10mA) Rt: 0-80Ω/0-400Ω| PID and ON/OFF Control | Self-adjusting | Output(RS485/Analog output/relay/SSR)



Product: Real Universal Panel Meter

Model: CHCD400

Feature: 48x96mm | Input: TC (K, S, R, E, J, T, N) RTD (Cu50, Pt100) Analog signals (0-50mV, 10-50mV, 0-5V DC, 0-10V DC, 1-5V DC, 2-10V DC, 4-20mA, 0-20mA, 0-10mA) Rt: 0-80Ω /0-400Ω| PID and ON/OFF Control | Self-adjusting | Output:(RS485/Analog output/relay/SSR)



Product: Economic Universal Panel Meter

Model: CHDS8B

Feature: 48x96mm | Input: (Current: 0-5A, 0-2A AC/DC , 0-1mA, 0-10mA, 4-20mA) ; (Voltage: 0-5V, 0-10V, 0-500V,0-10mV, ±100mV) ; (Rt: 0-400Ω, 0-10KΩ); (Cu50, Cu100) ; (PT100 TC: K, J, E, T, B, R, S) | Output:(Analog output/relay/SSR)



# Temperature & Humidity Controller



APOSUN temperature & humidity controller is widely used in Breeding/Planting industry (such as green housing, fishing/turtle raising, egg incubator), warehousing/storage equipment (such as shipping warehouse, medical cabinet, commodity storage), dryer, or other temp & humidity monitoring system.



Product: Temperature & Humidity Controller With Sensor

Model: CHCRH400+SHT10

Feature: 48x96mm | Temperature Units:  
Degree Celsius (-20 ~ 100°C)  
| Humidity Measuring Range: 10% ~ 90%RH | 4 control modes | ON/OFF switch control



Product: Proximity Sensor

Model: X5MC1

Feature: Metal detect inductive proximity switch sensor, sensing distance 5mm.



Product: Proximity Sensor

Model: SN04-N1

Feature: Small rectangular inductive sensor switch, sensing distance 5mm.



Product: Proximity Sensor

Model: Q5MC1

Feature: Square rectangular inductive proximity sensor NPN PNP type, sensing distance



Product: Fiber Optic Sensor

Model: CHA4R-N

Feature: High-speed photoelectric sensor, one-button setting, easy for operation.



Product: Diffuse Reflective Photo Sensor

Model: CHPES-D

Feature: Cylinder M12/M18/M30 stype, long detecting distance: 10cm, 30cm,1m.operation



Product: Retro Reflective Photo Sensor

Model: CHPES-R

Feature: Cylinder M18/M30 type. Long detecting distance: 3m/4m. Cable/Plug-in connection.



Product: Through Beam Photo Switch

Model: CHPES-T

Feature: Square rectangular inductive proximity sensor NPN PNP type, sensing distance 5mm.operation.



Product: Safety Light Curtains Barriers

Model: QA06/10-50AA

Feature: NPN/PNP output Protect finger sensor / Infrared safety light curtain



Product: S type Weighing Load Cell

Model: CHL-301

Feature:100kg, 200kg, 300kg, 500kg, 2000kg, 5000kg range, 0.03%F.S accuracy.

## Solid State Relay & Rotary Encoder



Product: Single Phase Solid State Relay

Model: CHDH

Feature: SSR, solid-state switch,  
10/20/25/30/50/60/80/100/120A Load LED Indicator



Product: Three Phase Solid State Switch

Model: CHTH

Feature: AC to DC SSR, AC to AC SSR, DC to AC SSR, DC to DC SSR.  
3-32Vdc, 70-280Vac



Product: Incremental Rotary Encoder

Model: CHT

Feature: Diameter 38/50/58/70mm,  
Solid shaft 6/8/10mm,  
100/200/500/1000/2000ppr.



Product: Wheel Encoder Sensor ---Length Sensor

Model: CHLK-80/CHLK-70/CHLK-90

Feature: Dual direction pulse counting, min counting 0.001/0.01/0.1m. work with our counters.



## NEW PRODUCTS COMING SOON!

### CONTACT INFO

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