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YADA ELECTRONICS

2026 Product Catalog



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▶ ABOUT YADA ELECTRONICS

Established in 1994, Guangdong Yada Electronics Co., Ltd. is a public company listed on the Beijing Stock Exchange, with a registered capital of 23.7 million US dollars. Yada focuses on the R&D, manufacturing and supply of comprehensive solutions for intelligent power monitoring and control systems, serving customers worldwide.

We have built two provincial-level R&D centers and been certified as a National High-Tech Enterprise and National Intellectual Property Demonstration Enterprise. Our 60,000 m² industrial park houses 37,000 m² of high-standard workshops, fully equipped with complete production lines, professional testing equipment and advanced laboratories.

Yada provides intelligent power meters, monitoring devices, surge protection products and sensors. Our products are widely applied in data centers, communication base stations, electric vehicle charging stations, rail transit, industrial buildings and municipal engineering projects. Featuring stable performance and complete functions, our products support customized design and have been adopted by numerous landmark projects and well-known enterprises.

With over 30 years of technical accumulation and on-site application experience, many of our technologies are at the leading level in China. Yada maintains strong competitive advantages in brand influence, core technology, product quality and customer resources.



▶ BUSINESS CERTIFICATES



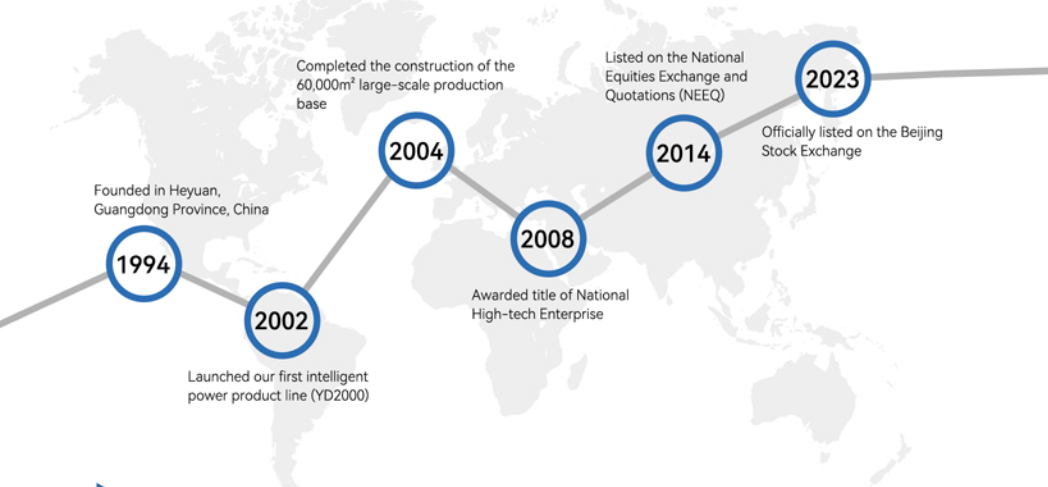
▶ PRODUCT CERTIFICATES



CORPORATE DEVELOPMENT

Since its founding in 1994, YADA has been dedicated to the intelligent power industry for over 30 years. We commit to delivering cost-effective products and creating value for customers through reliable quality and a comprehensive product portfolio.

We also provide an innovation and career development platform for employees and partners. Together with clients and team members, we strive to reach and exceed international advanced standards for safe and smart power utilization.



PREMIUM GLOBAL PARTNERS



PRODUCTION CAPACITY & QUALITY ASSURANCE



- Total Employees: 700+
- R&D Engineers: 160+
- Automated Production Lines: 20+
- Annual Output: 5,200,000 units
- 2025 Annual Revenue: 50,000,499.03 US dollars





Solar & New Energy Systems — Comprehensive AC/DC Energy Monitoring

Industry Background

Solar PV, energy storage systems (ESS), and hybrid renewable applications require precise AC and DC metering to monitor generation, storage, consumption, and grid interaction. Long-term energy logging is crucial for performance optimization and operational transparency.



YADA Product Applications

- ▶ PV combiner boxes and inverter monitoring
- ▶ Battery energy storage systems (BESS)
- ▶ Off-grid / on-grid hybrid systems
- ▶ Distributed residential & commercial solar installations
- ▶ Microgrids and energy management platforms



Key Technical Parameters for Solar & Energy Storage Applications

(For PV Inverters, Combiner Boxes, Energy Storage Systems, PCS, MPPT, Microgrid, BESS)

				
Item	Key Parameters	YDS60-80	YDS60-C24	YDS70-C16
Measurement Type	AC Meter	✓	✓	✓
	DC Meter	/	/	/
	Single Phase	/	/	✓
	Three Phase	✓	✓	/
Electrical Performance	Accuracy	Class 0.5, 1	Class 1.0	Class 1.0
	Frequency	50Hz/60Hz		
Main Function	Bi-directional Measurement	✓	✓	✓
	Electric Energy Metering	✓	✓	✓
	Display Function	✓	✓	✓
	Real-time Measurement	✓	✓	✓
	Instantaneous Measurement	/	✓	✓
	Clock And Timing Function	✓	✓	✓
	Refresh Cycle	≤75ms	≤100ms	≤75ms
	Pulse Indicator Light	✓	✓	✓
	Setting Function	✓	✓	✓
	RS485	✓	✓	✓
Communication & Protocols	Wifi	/	/	/
	Bluetooth	/	/	/
	Modbus-RTU	✓	✓	✓
Display	LCD Display (Backlight)	✓	✓	✓
Power Supply	Wide Range	AC220V, AC230V, AC240V	AC220V, AC230V, AC240V	176VAC~288VAC
Input Range Compatibility	Power Grid System	3-phase 4-wire 3-phase 3-wire	3-phase 4-wire 3-phase 3-wire	Single-phase (2-wire)
	Rated Voltage	230V AC/400V AC, 50Hz/60Hz	3×230/400V	AC220V/230V/240V
	Voltage Range	90V~1000V	90VAC~500VAC	176V~288V
	Rated Current	1.5(6)A, 10(80)A	3×250(300)A/3×100(120)A	100(120)A
Current Transformer Requirements	Current Range	0~250A		
	Input/Output	Input > 80A	250A/50mA	250A/50mA, 100A/40mA
Safety Requirements	IEC/EN Compliance	EN 61326 EN 61010 EN IEC 61010	EN 61326-1:2013 IEC 61326-1:2012 EN 61326-2-1:2013 IEC 61326-2-1:2012 EN 61010-1:2010 IEC 61010-1:2010 EN 61010-2-1:2010 IEC 61010-2-1:2010	EN 61326-1:2013 IEC 61326-1:2012 EN 61326-2-1:2013 IEC 61326-2-1:2012 EN 61010-1:2010 IEC 61010-1:2010 EN 61010-2-1:2010 IEC 61010-2-1:2010
Environmental Specs	IP Level	Panel IP51		
	Operating Temperature	-25°C~+60°C (-13°F to 140°F)		
	Humidity	5%~95% RH (non-condensing)		
	Altitude	≤2000 m		
Environmental Specs	CE	✓	✓	✓
	MID	/	/	/
	RoHS	/	/	/
	UKCA	✓	✓	✓
	LVD	✓	✓	✓
	EMC	✓	✓	✓
	RCM	✓	✓	✓
Size	Net Weight (kg)	0.25	0.225	0.135
	Dimension(mm)	70.0×100.0×80.0	72.0×100.0×66.0	36.0×101.0×66.0
	Installation	35mm DIN-rail		
Application	/	Huawei Solar PV Inverters		

			
Item	Key Parameters	YDS60-2P	YDS60-4P-A
Measurement Type	AC Meter	✓	✓
	DC Meter	/	/
	Single Phase	/	/
	Three Phase	✓	✓
Electrical Performance	Accuracy	Class 0.5	Class C
	Frequency	45Hz/65Hz	50Hz/60Hz
Main Function	Bi-directional Measurement	✓	✓
	Electric Energy Metering	✓	✓
	Display Function	✓	✓
	Real-time Measurement	✓	✓
	Instantaneous Measurement	✓	✓
	Clock And Timing Function	✓	✓
	Refresh Cycle	≤75ms	≤100ms
	Pulse Indicator Light	✓	✓
	Setting Function	✓	✓
	RS485	✓	✓
Communication & Protocols	Wifi	✓	/
	Bluetooth	✓	/
	Modbus-RTU	✓	✓
Display	LCD Display (Backlight)	✓	✓
Power Supply	Wide Range	176VAC~288VAC	100VAC~250VAC
Input Range Compatibility	Power Grid System	3P4W, 1P2W	3P3W, 3P4W
	Rated Voltage	220VAC/1230VAC/240VAC	3×230/400
	Voltage Range	176V~288V/304V~500V	3×230/400
	Rated Current	3×250A(300)A	0.01~1(6)A
Current Transformer Requirements	Current Range	0~250A	0~250A
	Input/Output	250A/50mA 120A/40mA	250A/50mA 120A/40mA
Safety Requirements	IEC/EN Compliance	EN IEC 61326 EN IEC 61000 EN IEC 61010	IEC62052-11:2021 EN50470-3:2022
Environmental Specs	IP Level	IP51	
	Operating Temperature	-25°C~+60°C (-13°F to 140°F)	-40°C~+70°C (-40°F ~ 158°F)
	Humidity	5%~95% RH (non-condensing)	
	Altitude	≤2000 m	
Certification	CE	✓	/
	MID	/	/
	RoHS	/	/
	UKCA	✓	/
	LVD	✓	/
	EMC	✓	/
	RCM	/	/
Size	Net Weight (kg)	0.13	0.3
	Dimension(mm)	90.0×36.0×65.0	72.0×100.0×65.0
	Installation	35mm DIN-rail	
Application	/	Huawei Solar PV Inverters	

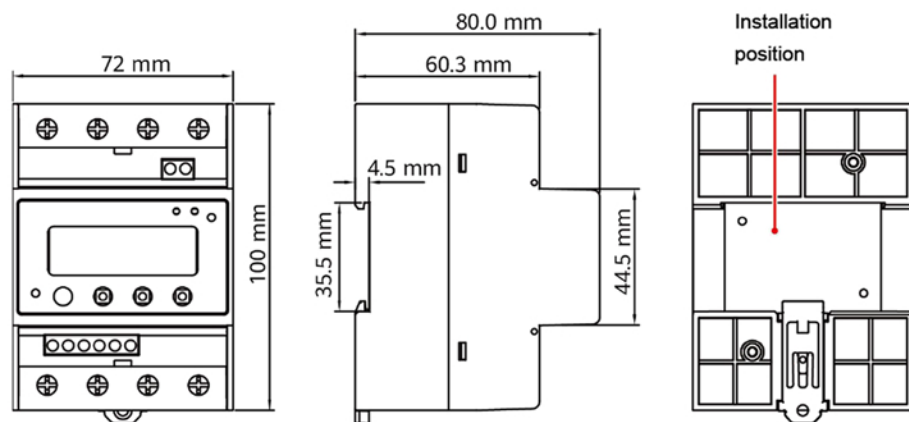
Solar & Energy Storage Solutions

YDS60-80



Dimensions

(Units: mm, Tolerance: ± 0.5)



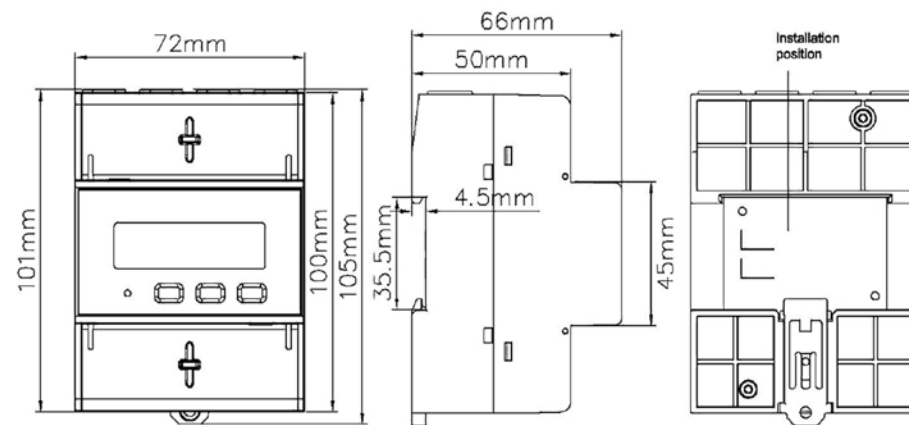
Solar & Energy Storage Solutions

YDS60-C24



Dimensions

(Units: mm, Tolerance: ± 0.5)

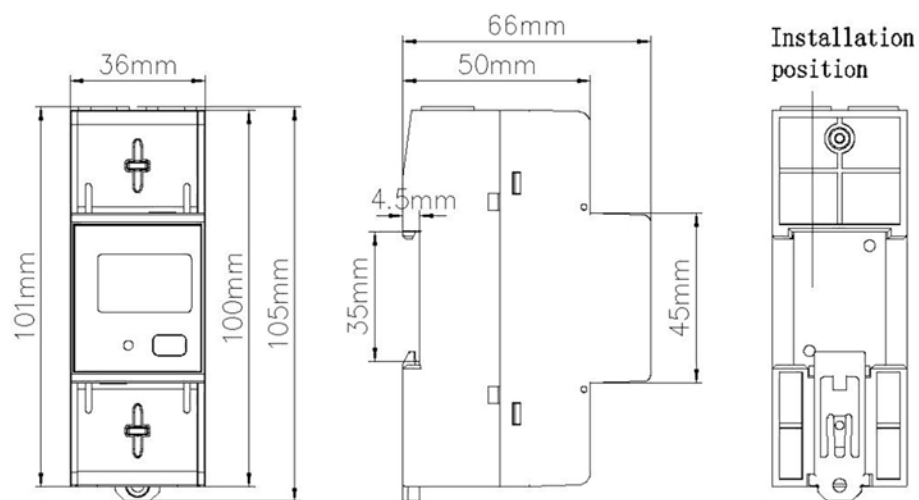


YDS70-C16



Dimensions

(Units: mm, Tolerance: ± 0.5)

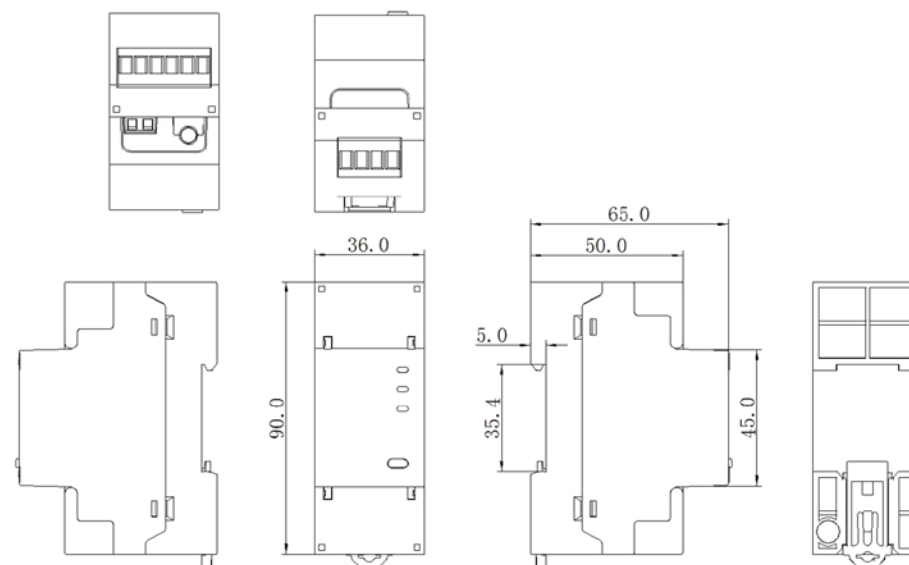


YDS60-2P



Dimensions

(Units: mm, Tolerance: ± 0.5)



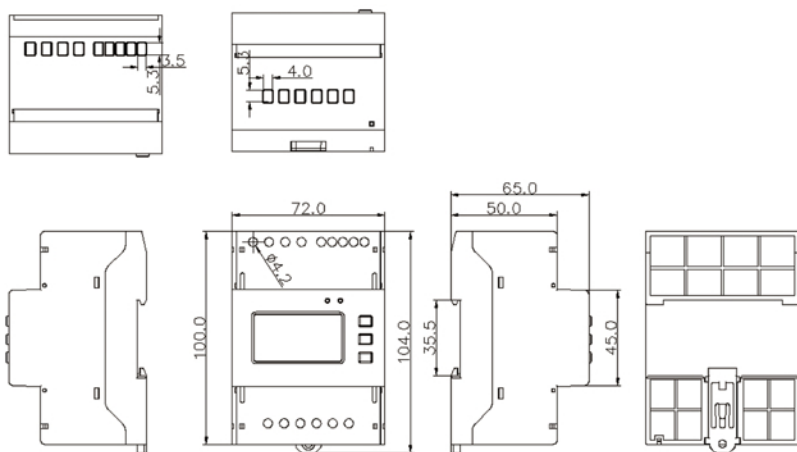
Solar & Energy Storage Solutions

YDS60-4P-A



Dimensions

(Units: mm, Tolerance: ± 0.5)



Installation

