

HY-SA6E

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	



HY-SA6E compact weather station

Our weather station are made in molded thermoplastic, also known as ASA, which has high outdoor weather ability. ASA is extremely resistant against UV radiation of sun, it is frost and heat resistant, standing all climatically conditions. The product is widely used in the automotive industry as well as several other outdoor applications.

Brief Introduction

HY-SA6E is a weather station integrated with multiple high accuracy sensors. Chengdu HongYuv technology utilising our expertise as the Chinese leading weather station manufacturer, Wind measurement of HY-SA6E is based on our ultrasonic technology, is of a robust, high strength construction designed to withstand installation and use with no fear of the damage commonly experienced with more fragile cups/vane weather station. Ideal for applications that demand economic weather sensing. Without the need for expensive on-site calibration or maintenance and with a corrosion free exterior, HY-SA6E is maintenance free, quick and easy to install.

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Features

Robust design, easy to install, 24 hours continuous monitoring

Without moving parts, whole system is free of maintenance

MODBUS communication protocol, standard RS485/RS232 output

Radar precipitation can accurately measure amount of precipitation and reflect beginning and ending of raining.

A radar sensor inside acquires the rain quantity intensity, and distinguishes between rain, snow and hail.

A sensor detect the Luminance, solar radiation, UV radiation.

The wind speed and direction are detected by means of an ultrasonic based measurement

A MEMS sensor inside measures Temperature, humidity, pressure.

All measurements are outputted by RS232, RS485 or SDI-12



Specifications

Model	HY- SA6 E
Signal Output	RS232 、 RS485 、 SDI-12

Power Supply	7-24V DC			
Data Output	1 per second			
Power Consumption	1.2 5mA@12V(heating off)			
Material of Body	A SA			
Communication Protocol	Modbus 、 NMEA-0183 、 SDI-12			
Dimension	Ø144 * 248 mm			
Operating Temperature	- 40 °C - +70°C			
Operating Humidity	0 - 100%			
	Principle	Range	Accuracy	Resolution
Wind Speed	Ultrasonic	0 - 7.0m/s	± 3 %	0.1 m/s
Wind Direction	Ultrasonic	0 - 359 °	<3 °	1 °
Air Temperature	MEMS sensor	-40 °C - +80 °C	±0.5 °C	0.1 °C
Air Humidity	MEMS sensor	0 - 100%	± 2 %	0.1 %
Air Pressure	MEMS sensor	150 - 1100hPa	±1 hPa	0.1hPa
Precipitation (Type: Rain/Hail/Snow ; Intensity:Rain)	Radar	0- 200mm/hr	±10%	0.01mm
Luminance	Silicon	0-200000 lux	±5%	1 Lux
Solar Radiation	Silicon	0- 2000 W/m2	±5%	1 W/m2
UV Radiation	Silicon	0- 2000 W/m2	±5%	1 W/m2

PM1.0/ PM2.5/PM10	Laser scattering	0- 5 00ug/m3	±10%	1 ug/m3
Sea L evel	MEMS sensor	-50 - 9000m	±5 %	1m
Compass Heading		0 - 359 °	<3 °	1 °

Note: All parameters needed should be decided when you place the order. Final price depend on configuration.

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