IMAIGG
Smarter Water,Grow Easier

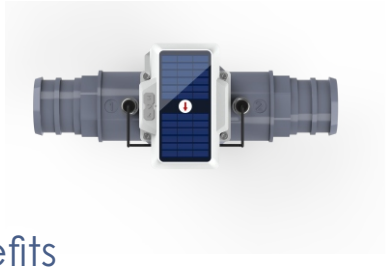
3-way Smart Irrigation Valve

Get going with the 4G/Lorawan valve for farm warting,your essential smart watering Assistant



The MQ-3 smart irrigation valve boasts 4G/Loran communication and rechargeable batteries, with a 1.3w solar panel for additional power. It can easily replace standard valves on the market, thanks to its standard installation hole size. With the convenience of remote control via our intuitive mobile app and web portal, this smart valve is perfect for a diverse range of applications including landscaping, greenhouse management, orchard irrigation, agricultural irrigation, and IoT flow control.

Model no:MQ-3



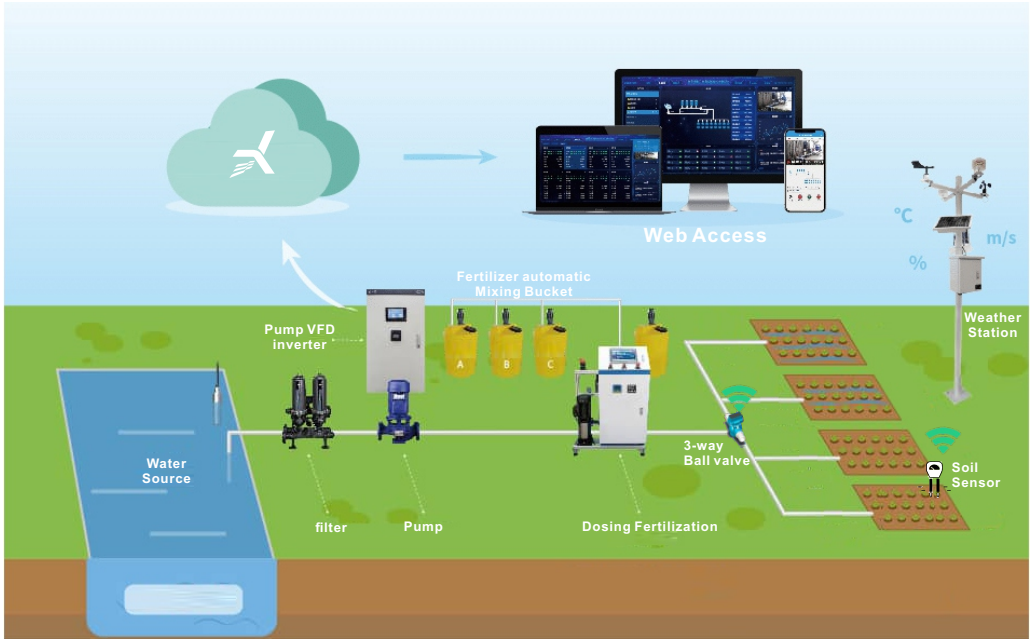




Features & Benefits

- Easy to install and dismantle
- IP67 rated suits for outdoor usage
- Innovative 4G/lorawan wireless controlled
- 21700 battery with solar charge operation plus external 12-24VDC
- Real-time feedback of valve and actuator status
- Fault warning and low battery warning
- Multi leak proof rings are used with chemical resistant materials

Typical Application



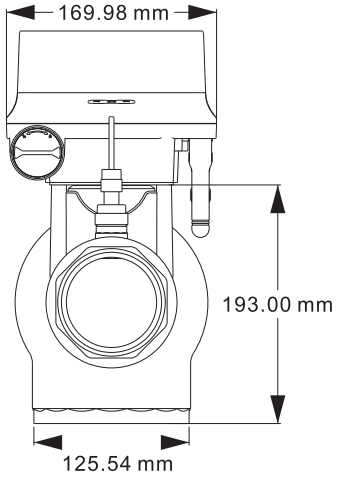


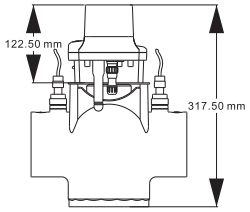


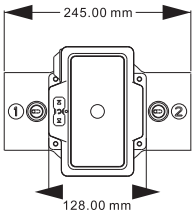
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Technical Specification

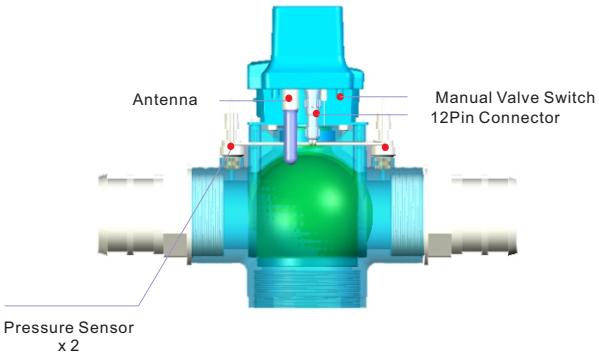
Basic Parameter	Rated Pressure	PN10
	3-way Port Size	Inlet:DN100,Outlets x2: DN80
	Connection	Female Threaded
	Valve Type	Ball Valve
	Material	Valve:PVC-U; Acutator:Nylong+fiber
Flow Monitoring(Optional)	Starting speed	>0.1m/S
	Accuracy	4 Class
Enviroment	Suitable fluids	Water/Oil
	Working Temperature	0-55 °C
Pressure Monitoring	Pressure Number	2 x outlets pressure
	Working Pressure range	0-1.6mPa
	Accuracy	1%FS
Power	Solar Panel	1.3w
	Battery	Rechargeable 21700 (4000mAH)
	External Power Input	12V DC
Others	Network	4G/Lora/Lorawan optional
	Solar Panel	6v,160mA,1.3W
	Power supply	21700 Battery + Solar panel
	Ip Rated	IP67
	Actuator Torque	100N.m

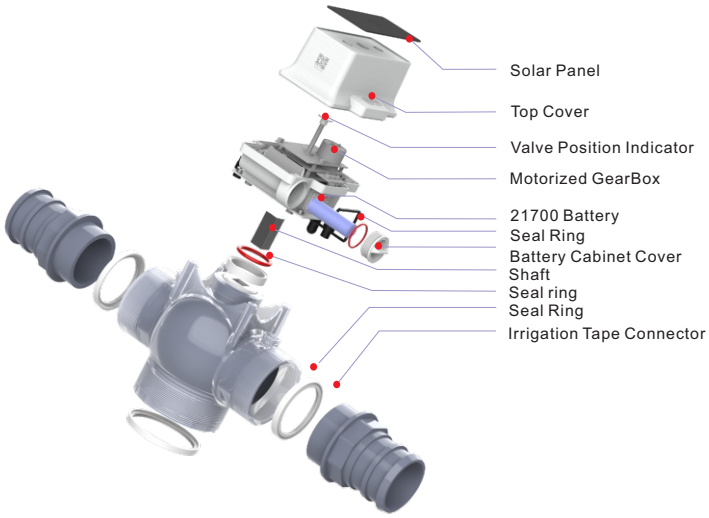






Know the product





Ordering Specification

Model	Separator	Flow type	Separator	Valve Material	Separator	X Network	Separator	Inlet/outlet Size	Separato	XX Outlet Connection type
MQ-3	—	T-Outlet 1/2 provide water at same time L-Outlet 1/2 provide water only one side	—	PP UPVC Ceramic	—	G-4G(cat-1) A-Lorawan	—	AABB	—	FF-FemaleThreaded SD-1/2 outlets with Hose Connector

Example:MQ-3L-UPVC-G-11090-FF stands for L flow type 3-way valve with UPVC material, 4g network and 110Inlet, 90Outlets and femal threaded

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