Acorn Controls has been manufacturing EMFM signal converters for OEMs for over a decade with advanced features. MagWM 600-T is a remote Magflow meter with a built-in telemetry, instrument is mains powered. The unit is the remote mounting type and interfaced to an IP68 grade Magflow Sensor. The separation between Sensor and Converter can be up to 100 meters. Magflow meters are commonly used in applications such as water distribution networks, irrigation systems, wastewater treatment plants, industrial process water monitoring, and HVAC systems. They provide accurate and reliable flow measurements, making them an essential tool in water management and conservation efforts.

- ➢ **IP65 Weatherproof wall mount-housing**
- ➢ **Remote mounted IP67(1mtr) submersible Magflow Sensor**
- ➢ **GPRS modem with Remote antenna**
- ➢ **Cloud support with CGWA desired data logging features**
- ➢ **Supports remote Magflow Sensor heads up to 100mtrs**
- ➢ **built in Isolated 4 to 20mA active output**
- ➢ **16X2 A/N backlit display & Membrane Keyboard**
- ➢ **WTP/STP +Raw water mattering & batching, water distribution networks, sugar industries**

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ACORN
CONTROLS PVT. LTD.
Flow Meters, Gas Monitors, Custom Products

SPECIFICATIONS:

1	Operating Power	AC 230Vac +/-15% with Transformer isolation
2	Accuracy	1% of flow from 0.5m/s to 5 m/s velocity
3	Current output	4 to 20 mA in to 600 ohms max, Galvanically isolated 500Vdc to Chassis earth.
4	RS485 output	A & B , Galvanically isolated to 500Vdc from earth and power supply Available only in absence of Telemetry option
5	Operating conditions	Operating : 0 to 55 ℃ , Storage : -10 ℃ to 60 C , Max RH =98% non-condensing
6	Dimensions &Weight	230X220X120 mm , ~3kg die cast Alu enclosure
7	Remote Separation	Up to 100 mtrs by special cable to be ordered
8	Magflow sensors	Sandwich type with SS304 Side plates
9	Gasket	Neoprene
10	Studs	Shall be supplied on request
11	Lining	PP or Teflon Option to be specified by user
12	Electrodes	SS316
13	Telemetry	GPRS modem
14	SIM card	Airtel and Vi supported. Others ISP SIM on request
15	Could support	From Acorn, duly initiated at the time of delivery reading logs, 1 year cloud reading storage on cloud

Designed & Manufactured by

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Specifications may change due to continued development efforts. Custom modifications are also undertaken to trim the specs to demands.