

G-Power EVO

G-Power EVO is an intrinsically safe power supply barrier designed to supply G-Log EVO datalogger, used in gas pressure reduction stations and installed in hazardous areas.

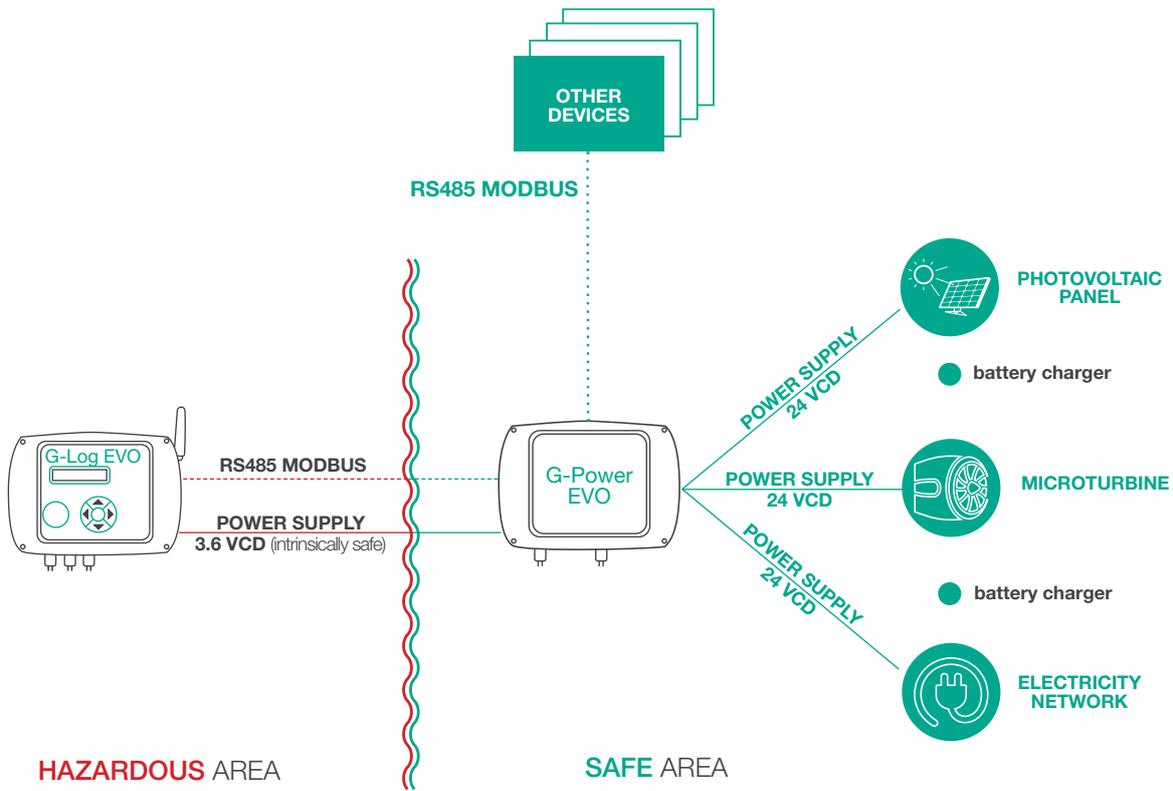
G-Power EVO can be powered by different energy sources, such as the electrical distribution network, photovoltaic panels or microturbines, ensuring high installation flexibility. In addition, G-Power EVO enables real-time communication and supports energy-demanding functions



District stations

Features	Values
Digital outputs (DO)	2 digital outputs, open collector (safe area)
Power supply input	24 VCD from electrical distribution network, photovoltaic panel or microturbine
Power supply output	3.6 VCD (intrinsically safe)
Local communication	RS485 (Intrinsically safe)
Communication protocols	MODBUS
Ingress protection	IP20 (DIN rail)
ATEX Certification	II (2) G [Ex ib Gb] IIA
Ambient conditions	from -30°C to +60°C
Main dimensions / weight	159 x 110 x 51 mm (DIN rail)

Table 1 Features



Approvals

G-Power EVO is CE marked and certified according to European Directives 2014/30/EU (Electromagnetic Compatibility - EMC) and 2014/34/EU (ATEX)



EMC



ATEX