

# DIWICON-L

## DW 280-36 PSEx

### INTRINSICALLY SAFE POWER SUPPLY

The DW 280-36 PSEx power supply is especially for providing power to the DIWICON leak detection field controller. Thanks to its 280Ah capacity, the power supply can have a lifetime of several years depending on application. Integrated limiting resistors ensure intrinsic safety design. The power supply voltage is 3.6 V.

#### FEATURES

- Long lifetime
- Polarity protection
- 3.6 V DC voltage
- 280 Ah capacity

#### SPECIAL CHARACTERISTICS

- Lithium based system
- Wide temperature range
- Intrinsic safety design

#### INDUSTRIAL DESIGN

- 8 SL-790 batteries (or 4×DW 140-36 PSEx)
- Operational temperature range: -55°C to +85°C
- Protection: IP68 (IEC 529 conform)

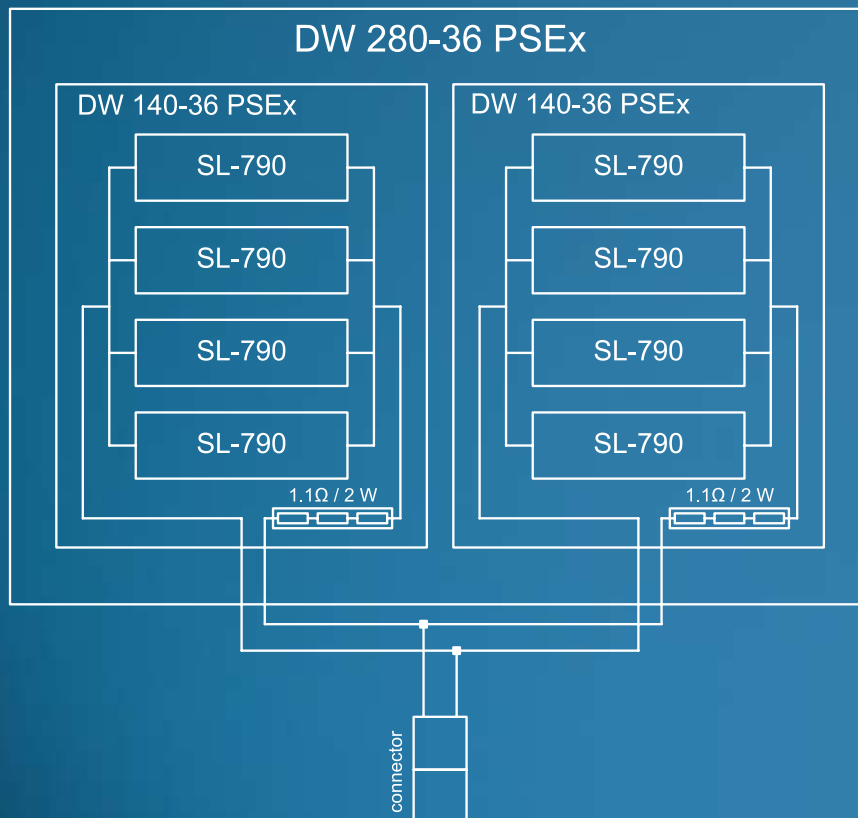
#### APPLICATION

The DW 280-36 PSEx can be used to power the DIWICON field controller, usually at facilities where mains power is not available.



## TECHNICAL DATA

GENERAL CHARACTERISTICS		ELECTRICAL CHARACTERISTICS	
System:	Li/SOCI2	Nominal voltage:	3.6 V
Anode surface:	8×90cm <sup>2</sup>	Nominal capacity:	280 Ah
Weight:	2600g	Nominal current:	10 mA
Volume:	800 cm <sup>3</sup>	Max. cont. current intensity:	300 mA
Operational Temperature:	-55°C to +85°C		
Dimensions (L×W×H):	180×180×90 mm		
Protection:	IEC529 conform IP68		
Cable gland:	PG7		
Cable diameter:	6mm		
Cable type:	JZ 2x1		
Resin material:	Silicon		
Mechanical Protection:	Heat shrink pipe		
Electrical protection:	6 × 1.1 Ω / 2 W resistor		



# CASON

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