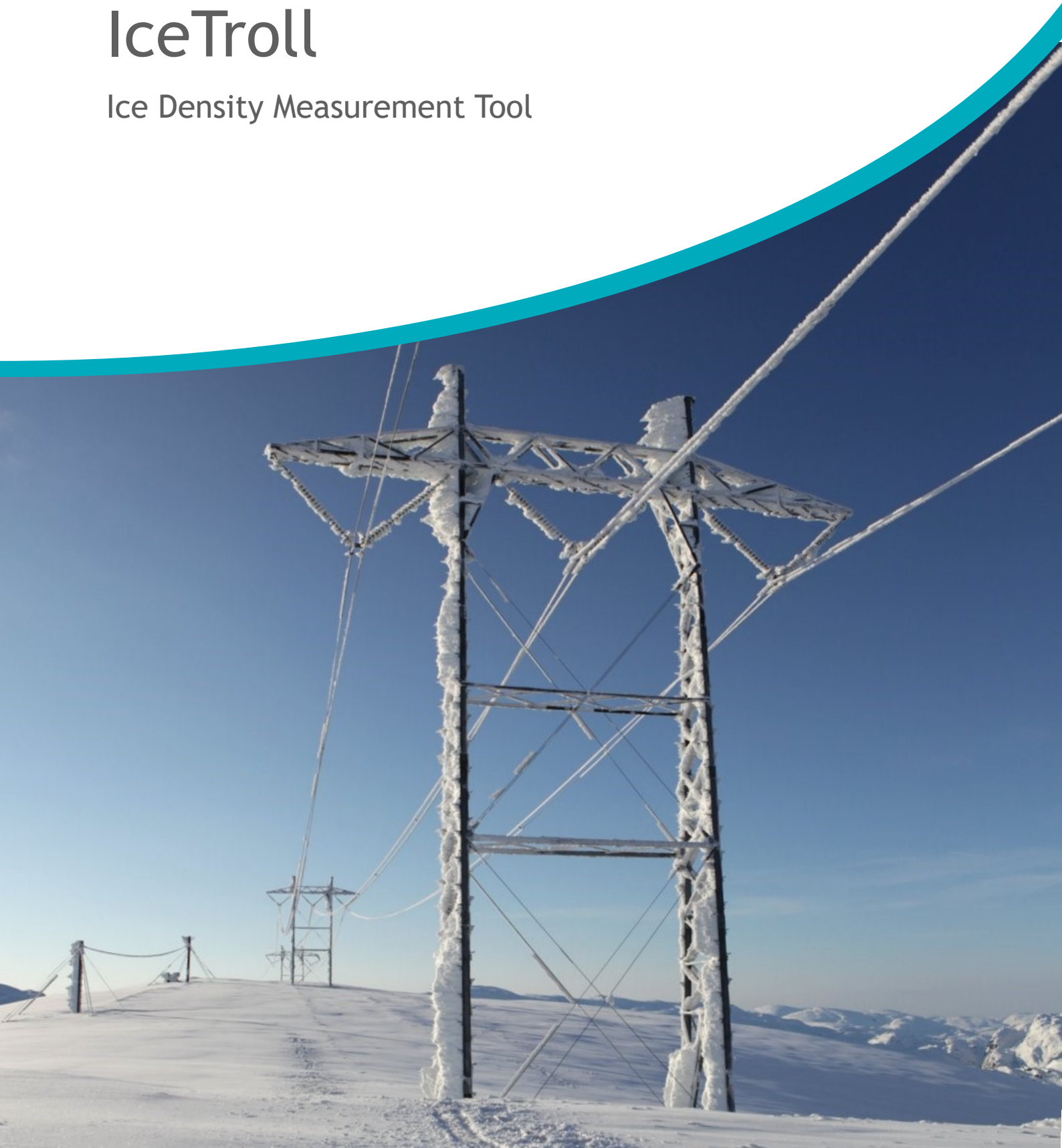


IceTroll

Ice Density Measurement Tool



IceTroll

The IceTroll icing sensor is a device used to measure ice accumulation for various purposes. It can be used for load monitoring on power lines, bridges and other structures sensitive to ice loads. It can also be used to measure ice accumulation on wind turbines, to improve the accuracy of the de-icing system and to provide valuable information regarding the risk for ice throw.

IceTroll is designed according to the ISO:12494 specification "Atmospheric icing of structures". It can measure icing loads from 0-100 kg/m on a standard cylinder. The IceTroll is patented by Kjeller Vindteknikk.



Technical Data

Measuring range	0 - 100 kg
Measuring accuracy	100 g
Sensor rod diameter	30 mm
Operating temp. range	-30 to +50 °C
Power consumption	55 W
Variable rot. speed	0 - 25 rpm
Power supply	24 VDC
Output signal	4-20 mA
Connection	6-pole plug connection for shielded cable in the housing
Mounting	Mounted on boom 75x75 mm
Dimensions	Height 165 cm Width 22 cm
Weight	15 kg



FOR MORE INFORMATION, PLEASE CONTACT:

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