GUIDELINEGEO

EXACT GLOBAL TEKNOLOGI

ABEM TX-60

TRANSIENT ELECTROMAGNETICS

Boost your WalkTEM performance



ABEM TX-60 is an optional external booster that further widens the ABEM WalkTEM's application area, enabling even deeper soundings with even larger transmitter loops.

ABEM TX-60 is a powerful expansion of the stand-alone ABEM WalkTEM system. It will increase the sounding depth and permit the use of large transmitter loops together with the high resolution receivers from the ABEM WalkTEM system.

Like the ABEM WalkTEM instrument, the ABEM TX-60 is designed for demanding field work under rough field conditions, housed in a rugged aluminium case that meets IEC IP 66.

The ABEM TX-60 booster interacts with the ABEM WalkTEM system via a communication cable and the units are totally isolated from each other. Control power is supplied from an internal rechargeable battery and transmitter power is supplied from an external DC power source.

The ABEM TX-60 outputs a massive 60 Amperes, handles up to 250 V DC input voltage and is synchronized with the ABEM WalkTEM system during transmission.

Features

- ▷ Up to 60 A output current
- ▷ Fully remote controlled from the ABEM WalkTEM
- ▷ Temperature stabilizing cooling fans
- ▷ Simple-to-use controls
- ▷ IP 66 casing for demanding environments

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Transmitter

Output current	60 A
Input voltage	24 to 250 VDC
Output power	5000 W
Cooling system	Built-in temperature controlled cooling fans

General

Casing	Rugged Aluminium case meets IEC IP 66
GPS receiver	50 channels SirF star III chip
I / O ports	KPT connector for communication and synchronization with ABEM WalkTEM unit
Control power	8 Ah Internal NiMH 12 VDC power pack 10 - 34 VDC external power
Transmitter power	Connector for external transmitter loop power 24 - 250 VDC
Battery charger	Integrated for internal battery
Dimensions (W x L x H)	390 x 210 x 320 mm
Weight	14 kg
Ambient Temperature Range	- 20 °C to + 60 °C operating[1] - 30 °C to + 70 °C storage[2]

Note 1: Maximum 1.8 kW output power at 60 oC
Note 2: Non condensing.

All specifications may change without notice as a result of ongoing product developments.



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