

2.1 Power cable drums (Ø 290 mm)

CONTROLLER (RECEIVING UNIT) with the ff.
Dimensions (HxWxD) – 130 x 270 x 130 mm, Weight
– 0.6 kg, Weight (with mounted cable drums and
batteries) – 2.1 kg., Power Supply (8 AA batteries) – 8-
14 VDCI, Operating Time (charged batteries) – min.
16 hours, Charging Time (empty batteries) – typically
3 hours, max. 5 hours, Input (Charger) – 12 VDC, 1.5
A, CPU – 80 MHz Cortex M3, ADC – 16 bit
Communication with

Tablet PC – WLAN-Access point, 2.4 GHz band,
channel 6, WPA2, Communication with Power Box -
2.4 GHz band, on-demand, proprietary, Effective
Range (differential) - -1400 to +1400 mV, Input
Resistance (static) – approx, 12MΩ, Data Sampling
Rate – 4096 Hz (64 times over sampling of a 512
samples mean value), Measurement Period per Scan
Point – min. 16 seconds

POWER BOX (SENDING UNIT) with the ff specification
of Dimensions (HxWxD) – 230 x 550 x 360 mm,
Weight – 15.8 kg, Weight (with mounted Electrodes)
– 18 kg, Internal Power Supply – Lead Acid Battery (2
x 12 V, 10 Ah), Output – max. 390 V, 0.5 A,

20 W, Operating Time (min. Power) – approx. 100
hours, Operating Time (average Power) – approx. 40
hours, Operating Time (max. Power) – approx. 8
hours, Charging Time – max. 8 hours, Input (Charger)
– 24 VDC, 2 A, Communication with Controller – 2.4
GHz band, on-demand, proprietary.

Electrodes with the ff. Dimensions (LxWxD) – 440 x
120 x 35 mm and Weight – 0.52 kg. includes 2
separate cable drums with 1 cable drum as POWER
DRUM (Ø 290 mm) with the ff Dimensions (HxWxD)
– 360 x 290 x 200 mm, Weight – 6.5 kg., Cable
Length – 255 m and Markers – 15 and another cable
drum as VOLTAGE DRUM (Ø 100 mm) with the ff
Dimensions (HxWxD) – 120 x 120 x 45 mm, Weight –
0.65 kg, Cable Length – 26 m and Markers – 25

Tablet PC, Minimum requirements Operating System
of Android 4.0.3 or higher, Wi-Fi/WLAN connection
and USB Chargeable using Micro-usb-b and Display
screen of 7 inches.