

AC Adapter
Version: 2.0
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EP

Power Adapter of the TCU Timer Control Unit



Alpermann+Velte

1 General Information

The "EP" AC/DC adapter is an accessory for the Alpermann+Velte TCU Timer Control Unit.

It has a fully enclosed plastic case, a three pole AC inlet according to IEC/EN 60320-1/C14 protection class 1, and a DC output cable with a connector which is suitable for the Alpermann+Velte TCU housing.

The power supply cord must match the AC outlet of your country and is not part of the delivery.



Please notice the following specifications:

INPUT	100 - 240 VAC (+/- 10%), 0.6 A max., 47 - 63 Hz
OUTPUT	24 VDC, 850 mA, 20 W max.
PROTECTION	Continuous short circuit, over voltage
OUTPUT CONNECTOR	DSUB9F 6/7: GND 8/9: DC Out
LENGTH OF OUTPUT CABLE	180 cm / 70.87 inch
DIMENSION	50 x 30 x 110 mm / 1.97 x 1.18 x 4.33 in (W x H x D of the case)
WEIGHT	205 g (incl. DC output cable and connector)
ENVIRONMENT	Operating: temp. 0° C - +40° C, humidity 20% - 80% Storage: temp. -20° C - +85° C, humidity 10% - 95%
SAFETY STANDARDS	C-UL U.S. Listed, CE, GS TÜV Rheinland

For further information please contact your local dealer or:

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2 Safety Precautions

The general safety information in this part is for both operating and service personnel. Alpermann+Velte products and accessories are only to be used as directed. Review the following safety instructions to avoid injury and prevent damage to the product or any products connected to it.

- Read and keep these instructions.
- Heed all warnings and follow all instructions.

RECOMMENDED INSTALLATION



1. Make sure that the power cord is not inserted when you plug the DC output connector to the TCU DC input (DSUB male connector).
2. Fasten the DC output connector to the TCU DC input by screwing it tight.
3. Insert the power cord into the three pole AC inlet of the AC/DC adapter.
4. Plug the power cord into the wall outlet.

WARNING



Use a power supply cord that matches the power supply voltage of the AC power outlet. The power supply cord you use must have been approved by and comply with the safety standards of your country.

Never modify the power cord or excessively bend, twist, or pull it. Do not place any heavy objects on the power cord or expose it to heat. Damage to the cord may cause shock or fire.

Use only the AC adapter specified for the Alpermann+Velte product. Never use a voltage other than that for which the AC adapter is rated.

Do not place any objects onto the AC adapter and do not use the AC adapter outdoors. Keep the AC adapter away from heat sources.

Never touch the AC adapter while your hands are wet. To avoid injury or fire hazard, do not operate in an explosive atmosphere.

Immediately unplug the power cord from the wall outlet or extension cord and refer servicing to qualified servicing personnel, when the power cord or plug is damaged, split or broken.

CAUTION



Do not expose the AC adapter to dripping or splashing water.

Make sure that the power cord is fully inserted into the wall outlet or extension cord.

Make sure that you unplug the AC adapter from an outlet before attempting to move it to another location.

Always carefully disconnect the plug by pulling on the plug and not on the cord.

PREVENTIVE MAINTENANCE, QUALIFIED SERVICE PERSONNEL ONLY



Visually inspect the AC adapter for signs of damage. If you discover heat damage, try to determine the cause of the overheating before replacing the AC adapter; otherwise, the damage may repeat.

At least once a year, unplug the AC adapter from the power outlet and clean the area around the prongs of the plug. Dust accumulated around the prongs - especially under high humidity conditions - can result in fire.

