

**TIGER** servis s.r.o.

TIG 07 - Back Up Power Supply

TIG 07 is a universal mobile accumulator back up power supply not only for electronic launching system TIG 05, but also for other systems related with fireworks launching requiring reliable voltage 12V.

SYSTEM FUNCTIONS

Internal electronically protected accumulator 12V/7,2Ah is fixed in a sealed case. All equipment controlling devices are placed on a small panel on the right.

Rocker-dolly switch turns the equipment on and off, in the START position a diode with green light will turn on. This diode signalizes sufficient capacity of the accumulator. If diode with red light is on, it signalizes insufficient capacity of ACU. Under the screw cap of the fuse shell there is a replaceable breakdown fuse.

Screw panel connectors of red + and black – colours are set for the power output. The power from connectors to power supply device shall be connected by link cable. A link cable 1m long is also a part of the system TIG 07. At both ends of the cable there are contact pins. It is possible to use a cable with free ends too. A power supply connector can also be used for power output, however, as this connector might not be reliable the power can change its level and therefore the supplier recommends using only the connector for internal power supply TIG 07 from power supply adaptor or other device where the max power is 12V.

In case the capacity of internal power supply TIG 07 drops down to 11,5 V, a diode on panel TIG 07 will turn on and it is necessary to recharge the power supply using the charging power supply 12V/600mA. Charging power supply has own protection against accumulator overcharging. The diode of accumulator capacity will turn off once the accumulator reaches min. 13,5V during charging.

As a part of TIG 07 system we supply the following accessories:

ACU 12V/7,2Ah

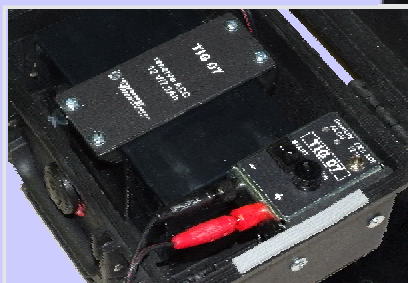
Link cable 1m long (with contact pins)

Charging adaptor

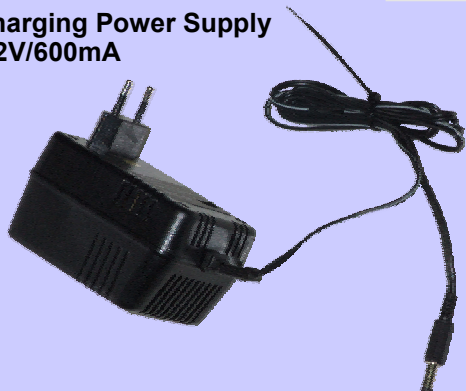
Connecting Cable with Contact Pins



Detail



Charging Power Supply 12V/600mA



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TECHNICAL DATA, SPECIFICATIONS OF SYSTEM TIG 07

Mobile suitcase	1 pc panel
Accumulator bracket	accumulator fixing, panel with electronic elements
Green light diode	signalizes sufficient capacity of the internal ACU
Red light diode	signalizes insufficient capacity of the internal ACU, power drop below 10,5V
Output power connector	screw connector of red and black colours
Charging connector	for charging the internal ACU – connector 2,1 pin
Power Supply	12/600mA with a protection against overcharging the batteries
Internal ACU battery 12V/7,2Ah	1 piece
Service criteria	Temperature
	Relative humidity
Connecting cable with Contact pins	double line Cu 0,75 mm/1m

Exclusive Agent

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