

## MULTI-SHOT ELECTROSHOCK DEVICE "HYBRID"

### ESD HYBRID. PURPOSE

Electroshock device (ESD) HYBRID is a powerful double-charged handheld weapon, intended for contact, distant and psychological influence on an offender.

Developed by ZAO "OBERON-ALPHA" – leading Russian producer of electroshock devices.

Electroshock device HYBRID is intended for use by special services, police and security companies.

Power of influence of police weapons is up to 30 W (specified in the contract).



### ESD HYBRID. TECHNICAL CHARACTERISTICS

-Outcome voltage on the working electrodes, kV	90-150*
-Power of influence, W	3-30*
-Operational in temperature range from -15 °C to +50 °C and relative humidity up to 98% at +25 °C	
-Weight, kg	0,38
-Dimensions Length-x-Height-x-Width, mm	175x116x38,9
-Distance between the working electrodes, mm	40
-Laser target designator	yes
-Cycles of operation for a fully charged battery, not less than	250
-Supply element: removable rechargeable LiPOL accumulator battery 11.1V, 600 mAh	
-Cycles of battery charging, not less than	500
-Blockage key	yes
-Picatinny mounting rail	yes
*depends on the contract terms	

## **ESD HYBRID. CONSTRUCTION SPECIFICS**

### **ELECTROSHOCK FUNCTIONS:**

- Electroshock device HYBRID has two remote influence cassettes with a function of fast deployment. Shot distance is up to 6 meters. One or two objects can be influenced simultaneously and differentially.
- HYBRID can be applied contact, or blank discharge can be displayed without deploying the cassettes or when the cassettes have already been deployed.
- HYBRID has 4 side blank discharge zones that affect the offender psychologically.

### **SAFETY:**

- The special cassette safety system SHOT LOCK protects the cassettes from being deployed when HYBRID is applied contact or when the blank discharge is displayed.
- HYBRID has a blockage key that turns off ESD`s functions if the weapon is snatched by offender.

### **CONSTRUCTION ELEMENTS:**

ESD HYBRID is made in impact-resistant case, it has removable lithium-polymer battery. Gun flashlights and additional laser target designator can be installed on Picatinny mounting rail. HYBRID holster allows carrying the device with installed devices.



## **ESD HYBRID. SPECIFICS OF BIOLOGICAL INFLUENCE**

Benefits of HYBRID remote influence:

- Increases safety of ESD operator – lack of physical contact with the offender doesn't allow the offender to use force or cold weapons.
- Allows using remote electroshock functions against two objects simultaneously without replacing the cartridges.
- Allows using electroshock device contact with earlier initiated cartridges without removing them.
- Allows transferring electroshock discharge repeatedly on an object through earlier initiated cartridge.

High convenience and safety of operation. The plastic holster is provided for carrying HYBRID on the belt. The holster protects the safety lock and control buttons from turning it on accidentally.



## **ESD HYBRID. SPECIFICS OF INFLUENCE**

Basis of HYBRID effective influence is neuromuscular incapacitation effect. Neuromuscular incapacitation is effective for offenders with a high pain threshold (those who use drugs, under severe stress, prepared or trained opponents who may not feel pain of the impact or are capable of resisting detention (or self-defense) despite physical pain). Electric influence of HYBRID allows controlling opponent's actions which prevents him from consciously breaking the contact or showing resistance during application.

Efficiency of contact impact of HYBRID is increased because of two pairs of fighting electrodes with independent impact.