



► Application

The high-voltage burning unit SVP-05C is intended for burning (destroying) of a near to zero resistance junction in a point where the high-voltage cable phase conductor shorts to the sheath/phase conductor) the faulty power cable insulation and then its after-burning in order to eliminate the transient resistance at the faulty part.

The different well-known methods may be used after the burning is done both for defining the distance to the cable fault location and the fault location directly on the cable line.



► Technical specifications

Parameter	Value
Output DC voltage ranges	0.5 kV; 1 kV; 5 kV; 10 kV; 15 kV; 20 kV
Max output open-circuit DC voltage	25 kV
Max output current	6 A @ 1 kV; 5 kV; 10 kV; 15 kV; 20 kV 15 A @ 0.5 kV
Duty time (min.):	
– @ full load	10 minutes
– @ 70% of full load	30 minutes
Power consumption (max.)	10 kVA
Supply voltage	220 V ± 22 V
Net weight, max	200 kg
Dimensions	820x630x500 mm



► Application

The surge wave generator SWG-2000, SWG-6 are designed for locating the faults in cable lines with transient resistance  $R \geq 500 \text{ Ohm}$  using an acoustic method in conjunction with an acoustic receiver P-900 and digital impulse reflectometer RIF-9.

► Technical specifications

Parameter	Value	
	SWG-2000	SWG-6
Max. output voltage:		
– range 1	8 kV	20 kV
– range 2	16 kV	✗
– range 3	32 kV	✗
Storage capacitance	4 x 15 uF	1 x 10 uF
Pulse energy, max		2 kJ
Pulse sequence interval (in automatic mode)	0.5 s; 1s; 2s; 3s; 5s	
Power consumption (max)		10 kVA
Supply voltage		220 V ± 22 V
Frequency		50 Hz ± 1 Hz
Net weight	170 kg	90 kg
Dimensions		820x630x500 mm

