

**BATTERY SAVER**

Type	V <sub>i</sub>	V <sub>o</sub>	I <sub>o</sub>
GSCC-7.007BS	10,5 to 16,0V	6,75 V	700 mA

**DESCRIPTION**

The GSCC-7.007BS is a switch mode constant current battery saver for 5 cell NiCd or NiMH batteries. The input energy is supplied by the car cigar lighter plug and the battery is charged by 0.7A constant current.

Two versions of the INPUT PLUG ADAPTOR are available:

**WASHER TIP VERSION:**

**GSCC-7.007BS-E** (Ordering Number)

**SPRING-LOADED TIP VERSION:**

**GSCC-7.007BS-A** (Ordering Number)

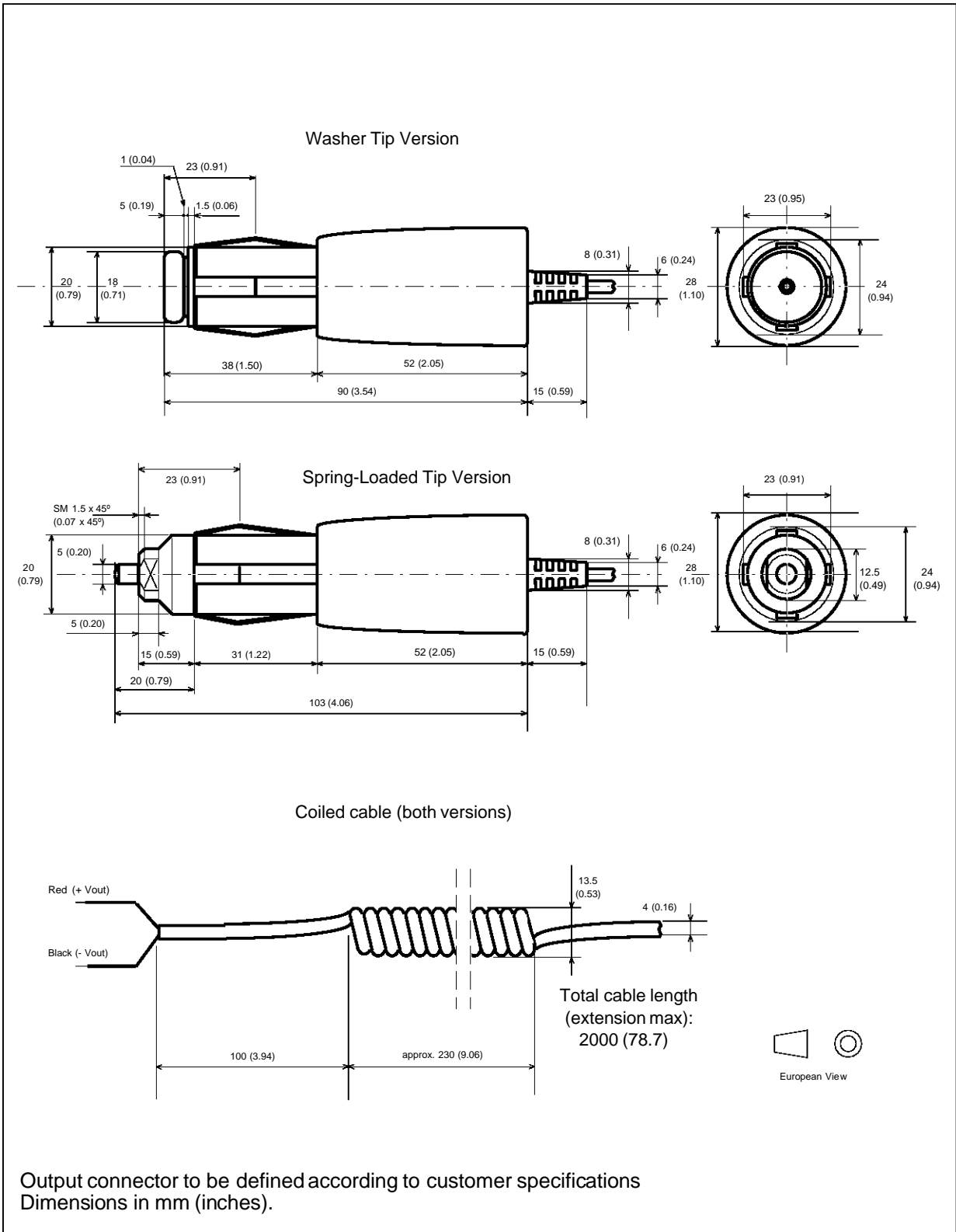
(See page 2 for mechanical data)

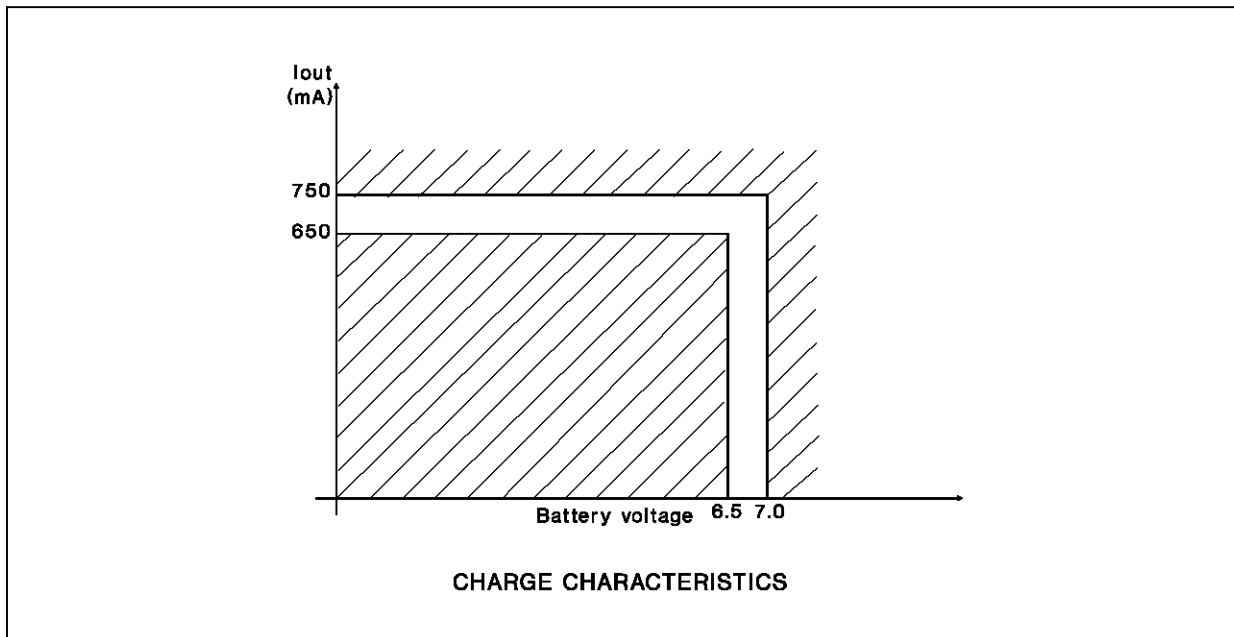


**ELECTRICAL CHARACTERISTICS** (T<sub>amb</sub> = 25°C unless otherwise specified)

Symbol	Parameter	Test Conditions	Min	Typ	Max	Unit
V <sub>i</sub>	Input Voltage	I <sub>o</sub> = 0.7A V <sub>batt</sub> = 5 to 6.75V	10.5		16.0	V
I <sub>o</sub>	Output Charge Current	V <sub>i</sub> = 10.5V to 16V V <sub>batt</sub> = 5.0 to 6.75V	650	700	750	mA
V <sub>o</sub>	Output Limiting Voltage	V <sub>i</sub> = 10.5 to 16V	6.5	6.75	7.00	V
T <sub>op</sub>	Operating Ambient Temperature Range		-20		+70	°C
T <sub>stg</sub>	Storage Temperature Range		-25		+85	°C

CONNECTION DIAGRAM AND MECHANICAL DATA



**CHARGE CHARACTERISTICS**

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