

## 20 WATT AC-DC CONVERTER

Type	V <sub>in</sub>	V <sub>out</sub>	I <sub>out</sub>
GS20AC-12	230 V <sub>RMS</sub>	12 V	1,7 A

### DESCRIPTION

The GS20AC-12 is an AC-DC switching power supply able to deliver 20W output power (12V/1.7A).

Two versions of the INPUT PLUG ADAPTOR are available:

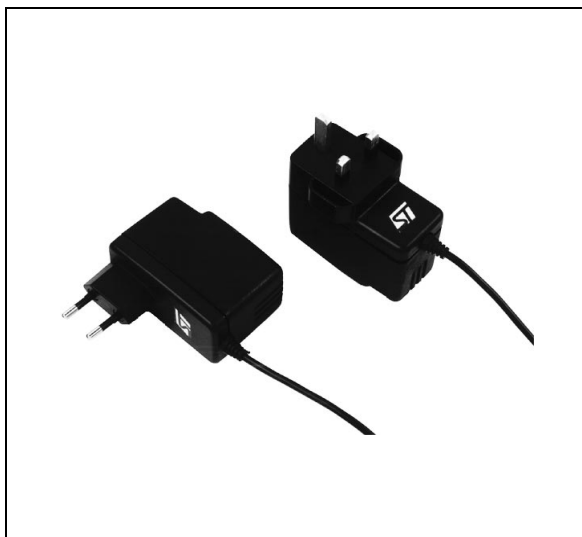
### EUROPEAN VERSION

**GS20AC-12-1 (ORDERING NUMBER)**

### UK VERSION:

**GS20AC-12-2 (ORDERING NUMBER)**

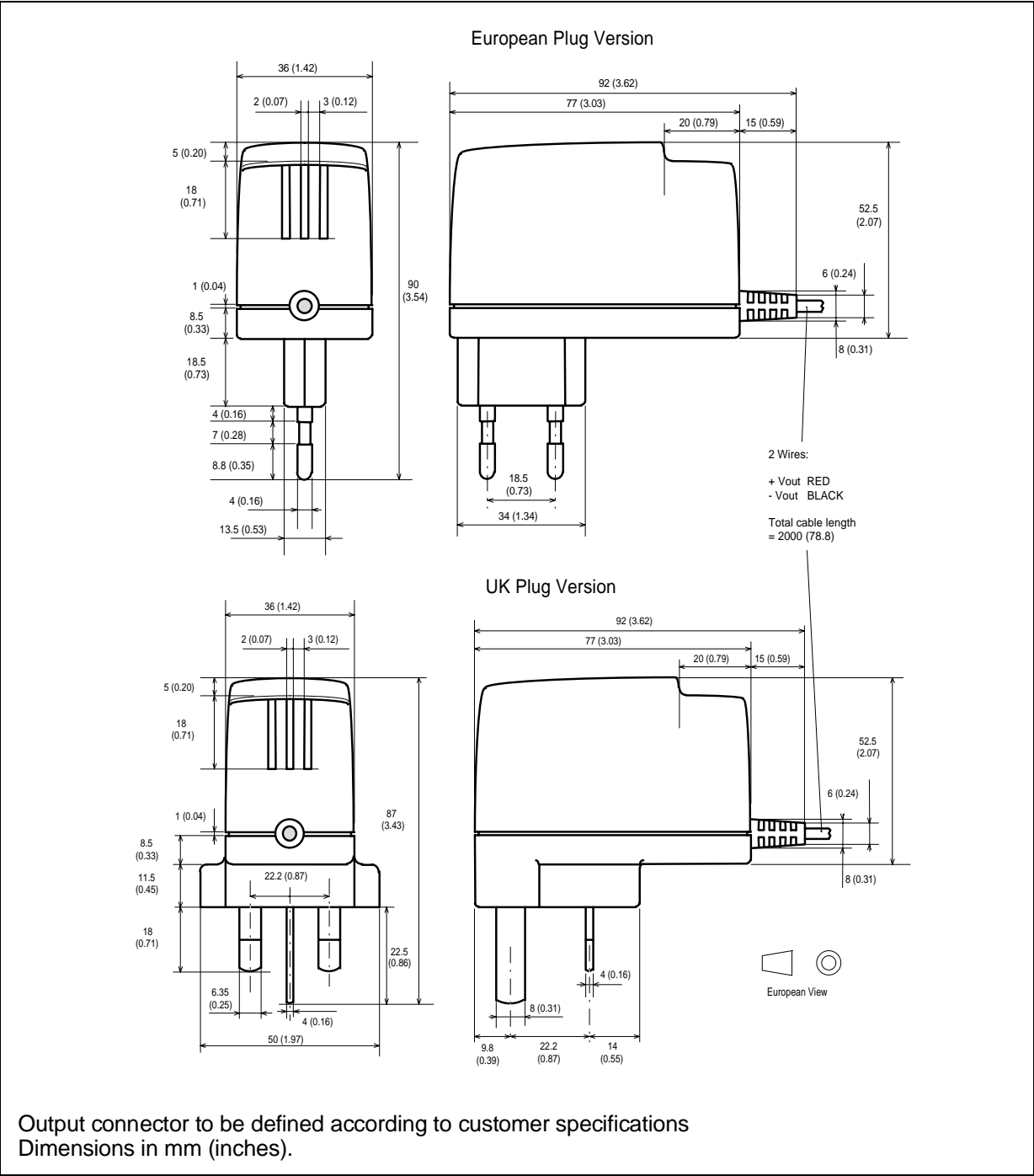
(See page 2 for mechanical drawings)



### 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		187	230	264	V <sub>rms</sub>
V <sub>o</sub>	Output Voltage	V <sub>i</sub> = 187V to 264V <sub>rms</sub> I <sub>o</sub> = 0 to 1.7A	11	12	13	V <sub>dc</sub>
I <sub>o</sub>	Output Current	V <sub>i</sub> = 187V to 264V <sub>rms</sub> V <sub>o</sub> = 11 to 13V	0		1.7	A
I <sub>ol</sub>	Overcurrent Limit Initiation	V <sub>i</sub> = 187V to 264V <sub>rms</sub>		2		A
I <sub>osc</sub>	Short Circuit Output Current	V <sub>i</sub> = 187V to 264V <sub>rms</sub>		0.7		A
η	Efficiency	V <sub>i</sub> = 187V to 264V <sub>rms</sub> I <sub>o</sub> = 1.7A		75		%
T <sub>op</sub>	Operating Temperature Range		-20		+45	°C
T <sub>stg</sub>	Storage Temperature Range		-25		+85	°C

CONNECTION DIAGRAM AND MECHANICAL DATA



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