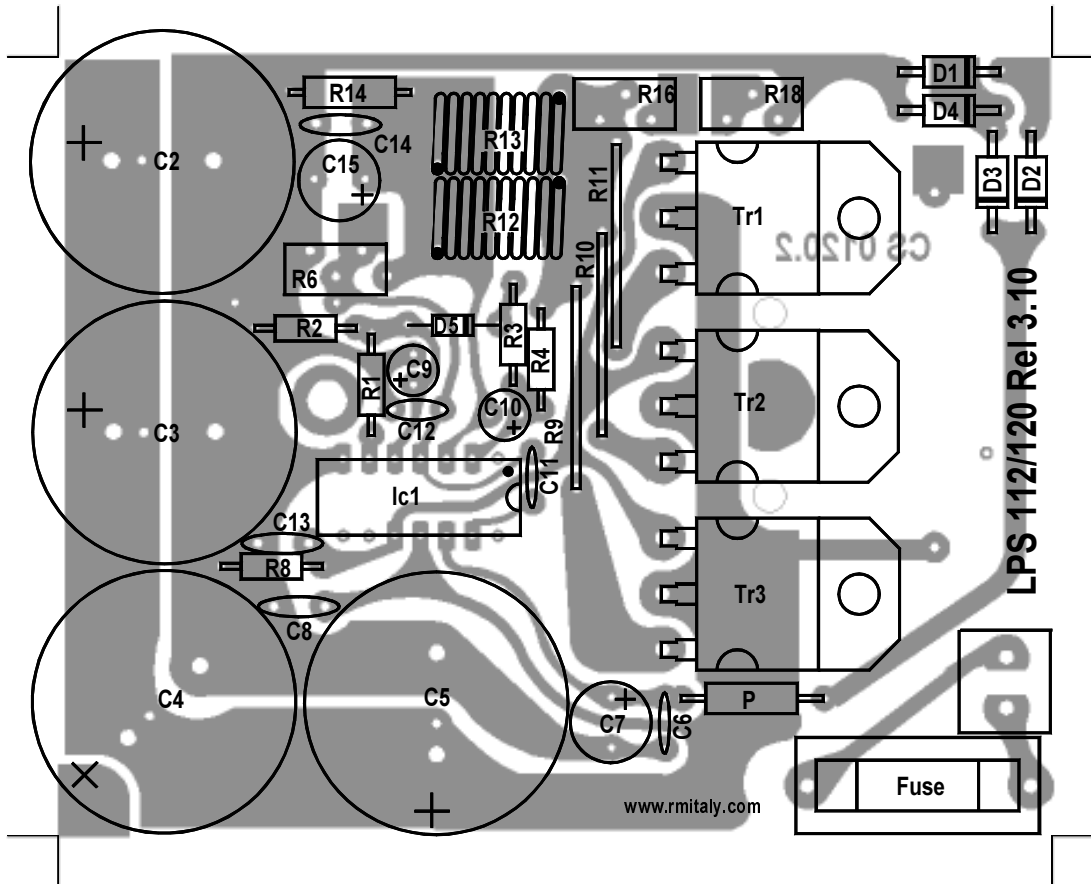
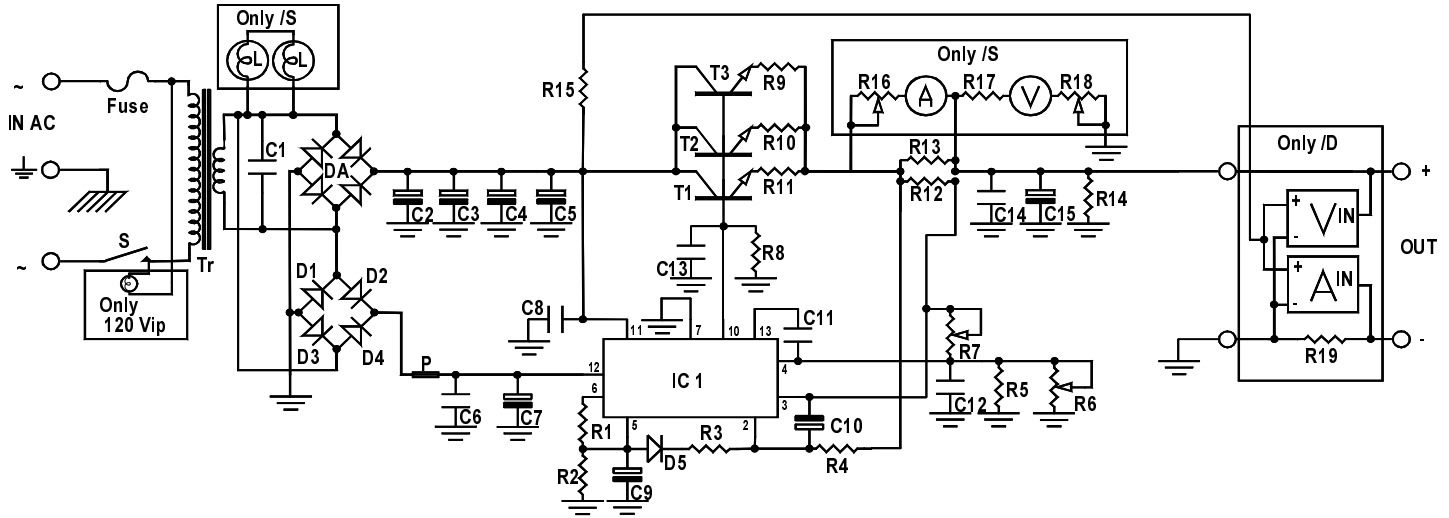


## Mod. 120 S power supply

Schematic diagram

Version 3.10



**List of components**

C <sub>1</sub>	=	220 nF	63 V~
C <sub>2</sub>	=	4700 μF	25 V
C <sub>3</sub>	=	4700 μF	25 V
C <sub>4</sub>	=	4700 μF	25 V
C <sub>5</sub>	=	4700 μF	25 V
C <sub>6</sub>	=	100 nF	50 V
C <sub>7</sub>	=	47 μF	25 V
C <sub>8</sub>	=	100 nF	50 V
C <sub>9</sub>	=	2,2 μF	25 V
C <sub>10</sub>	=	2,2 μF	25 V
C <sub>11</sub>	=	470 pF	50 V
C <sub>12</sub>	=	150 pF	50 V
C <sub>13</sub>	=	100 nF	50 V
C <sub>14</sub>	=	100 nF	50 V
C <sub>15</sub>	=	22 μF	25 V
R <sub>1</sub>	=	2,2 KΩ	¼ W
R <sub>2</sub>	=	4,7 KΩ	¼ W
R <sub>3</sub>	=	470 Ω	¼ W
R <sub>4</sub>	=	470 Ω	¼ W
R <sub>6</sub>	=	Trimmer	4,7 KΩ
R <sub>7</sub>	=	Potentiometer	4,7 KΩ
R <sub>8</sub>	=	2,2 KΩ	¼ W
R <sub>9</sub>	=	Resistive wire	φ 0,8 mm x 20 mm
R <sub>10</sub>	=	Resistive wire	φ 0,8 mm x 20 mm
R <sub>11</sub>	=	Resistive wire	φ 0,8 mm x 20 mm
R <sub>12</sub>	=	Resistive wire coil	φ 1 mm 4 turn φ 6 mm
R <sub>13</sub>	=	Resistive wire coil	φ 1 mm 4 turn φ 6 mm
R <sub>14</sub>	=	2,2 KΩ	¼ W
R <sub>16</sub>	=	Trimmer	22 KΩ
R <sub>17</sub>	=	47 KΩ	¼ W
R <sub>18</sub>	=	Trimmer	220 KΩ
DA	=	Diode bridge	20 A
D <sub>1</sub>	=	1N 4004	
D <sub>2</sub>	=	1N 4004	
D <sub>3</sub>	=	1N 4004	
D <sub>4</sub>	=	1N 4004	
D <sub>5</sub>	=	1N4148	
T <sub>1</sub>	=	TIP 142	
T <sub>2</sub>	=	TIP 142	
T <sub>3</sub>	=	TIP 142	
P	=	0 Ω wire	
TR	=	Transformer	220 - 18 V 12 A
FUSE	=	Fuse	2A
IC <sub>1</sub>	=	LM 723	
L	=	Meter lamps	
S	=	Switch	(ON - OFF)