

## ML-051XX

### MAXLOGIC SMPS POWER SUPPLY

Maxlogic SMPS power supply provides high and stable performance. Compatible with EN 54-4. ML-051XX has automatic battery charge circuit. ML-0515 series has 24V DC 5A and ML-05110 series has 24V DC 10A output. Earth, battery, power and fuse faults are monitored on the power supply unit.



### PRODUCT FEATURES

- Compatible with EN 54-4
- In the case of electrical failure, it's supplied with battery
- Automatic battery charge circuit
- Battery charge voltage according to ambient temp
- Earth fault, battery fault (charge error, battery low voltage, no battery connection), fuse fault and mains fault can be detected and monitored via power supply.
- Dry contact output report the case of fault
- Over current and short circuit protection

## TECHNICAL SPECIFICATIONS

	<b>ML-0515</b>	<b>ML-05110</b>
<b>Power output:</b>	138 Watt	276 Watt
<b>Main power input:</b>	230V(+10%/-15%) AC 50Hz	230V AC (+10%/-15%) 50Hz
<b>Load output:</b>	29V DC (19V min - 32V max)	29V DC (19V min - 32V max)
<b>Load output fuse:</b>	5 Amper Glass Type(T5A L250V)	Two 5 Amper glass type (T5A L250V)
<b>Operating temperature:</b>	(-5°C) - (+ 40°C)	(-5°C) - (+ 40°C)
<b>Operating humidity range:</b>	0 - 95% (non-condensing)	0 - 95% (non-condensing)
<b>230V AC fuse:</b>	5 Amper glass type (T5A L250V)	Two 5 Amper glass type (T5A L250V)
<b>Battery:</b>	2 pcs 12V DC lead-acid	4 pcs 12V DC lead-acid
<b>Battery capacity:</b>	Max. 7Ah	Max. 7Ah
<b>Battery charge output:</b>	29V DC	29V DC
<b>Battery charge current:</b>	Max. 1100mA	2 pcs Max. 1100mA
<b>Battery low voltage fault:</b>	21±1 Volt	21±1 Volt
<b>Battery closing voltage:</b>	19±1 Volt	19±1 Volt
<b>Quiescent current in the case of mains failure :</b>	50mA	50mA
<b>Min. current from power supply (I<sub>min</sub>):</b>	0,42 Amper	0,42 Amper
<b>Output current in case of full battery (I<sub>maxb</sub>):</b>	5 Amper	10 Amper
<b>Output current in case of empty battery (I<sub>maxa</sub>):</b>	3,9 Amper	7,8 Amper
<b>Max. battery resistance (R<sub>i max</sub>):</b>	0,55R	0,55R
<b>Power supply max. surface temperature:</b>	80°C	80°C
<b>Dimensions:</b>	195 x 158 x 56 mm	2 pcs 195 x 158 x 56 mm
<b>Weight (Batteries not included):</b>	1050 gram	2 pcs 1050 gram

## MODELS

<b>Product code</b>	<b>Description</b>
ML-0515	Maxlogic SMPS power supply, 5 Amper
ML-05110	Maxlogic SMPS power supply, 10 Amper

## THERMISTOR CONNECTION

