

MAX.POWER *Switch*

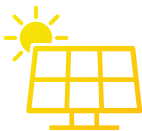
Replacement power supply switch box
for your MAX.STORAGE *Ultimate*



For MAX.STORAGE *Ultimate*



Replacement power for the whole house
(more than just one socket)



Replacement electricity
from Photovoltaics



Replacement power
from the battery



Lightning-fast switchover
to standby power operation



Two versions for
different net shapes



The quality management system of SOLARMAX GmbH is certified according to ISO 9001.

The environmental management system is certified according to ISO 14001.

1) RDF: Rated current factor - RDF "1" corresponds to continuous.

2) Limitation to max. Ambient temperature of $t_a = 25^\circ\text{C}$ and the use of ventilation valves. The degree of protection reduced from IP65 to IP44.

All rights, modifications and errors excepted.

Data, dimensions, design, weight and dimensions subject to change.

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Possible combinations of net shapes

Mains	Consumer	Variant Universal	Setting options	Variant 3-pole
TN-C	TN-S	✓	three-pole separation (recommended) or all-pole disconnection	✓
TN-C	TN-C	✓	three-pole	✓
TN-S	TN-S	✓	all-pole	x
TT	TT	✓	all-pole	x

Technical specifications



MAX.POWER Switch Universal

MAX.POWER Switch 3-pole

Nominal values	MAX.POWER Switch Universal	MAX.POWER Switch 3-pole
Rated operational voltage U_e	3PH - 230/400 V	
Rated insulation voltage U_i	400 V	
Rated impulse withstand voltage U_{imp}	4 kV	
Rated frequency f_n	50 Hz	
Conditional rated short-circuit current I_{cc}	10 kA	
Rated current I_{nG} for RDF1 ¹ (via terminal strip X3)	$\leq 30\text{ A}$ ($\leq 43,5\text{ A}^2$)	
Intended operating current I_B (via terminal strip X2)	$\leq 32\text{ A}$	
Total rated current I_{nA} ($I_{nA} = I_{nG} + I_B$)	$\leq 63\text{ A}$	
Mains separation	three-pole or all-pole	three-pole
Max. grid-side pre-fuse value (gL/gG)	63 A	
Standby losses, ca.	6 W - three-pole separation / 8 W - all-pole disconnection	6 W
General		
Dimensions W × H × D (without screw fittings)	448 × 610 × 160 mm	338 × 610 × 160 mm
Weight, approx.	11 kg	10,5 kg
Temperature - Transport/Storage	- 25 °C ... + 55 °C	
Humidity - condensing allowed	no	
Humidity - permissible range	5...95 % (with IP65) / 5...80 % (with IP44) ²	
Max. Installation height above N.N.	2.000 m	
Protection class IP (EN 60529)	65 - delivery condition / 44 - with ventilation valves	
Installation type	Wall mounting	
Installation area	Indoor	
Protection class (EN61140)	II	
Warranty		
Warranty	2 Years (according to Warranty conditions)	