

Product Information

Modification of Sonnenschein A600/A600 Solar cells

In order to modernize the production of these ranges, a new post sealing design will be implemented for all A600 and A600 Solar cells. Additionally, the plastic material will change (for cells smaller than 2000 Ah) from ABS to PP compound. With this novel material, a new automated manufacturing process will be used to bond the lid to the jar. Thanks to an innovative, state-of-the-art manufacturing line, the productivity of the cell assembly will be enhanced to respond to the growing demand.

There is no significant change to the max. cell dimensions, which continue to comply with the DIN 40742 standard. With this design, the height of the terminals will be slightly increased (up to 3 mm). However, the overall installed height will not increase thanks to the new connectors, flexible and fully insulated. The below pictures show the appearance of the new connectors and the new post.



The new design is fully compatible with the current one: both new and old connectors can be used to connect a new cell to an old one, as shown in the attached drawing. The terminal type is not changed (Female-M8).

All other features are not changed (capacity, design life, manufacturing location, operating and installation of the cells, compliance and certifications, etc.).

These changes will result in new part numbers for all cells, A600 and A600 Solar. The implementation will be progressive, from September 2014 on.

Sonnenschein A600 cells			
DIN 40742 Types	GNB Types	Current EPN	New EPN
4 OPzV 200	A602/225	NGA6020225HS0FC	NGA6020225HS0FA
5 OPzV 250	A602/280	NGA6020280HS0FC	NGA6020280HS0FA
6 OPzV 300	A602/335	NGA6020335HS0FC	NGA6020335HS0FA
5 OPzV 350	A602/415	NGA6020415HS0FC	NGA6020415HS0FA
6 OPzV 420	A602/500	NGA6020500HS0FC	NGA6020500HS0FA
7 OPzV 490	A602/580	NGA6020580HS0FC	NGA6020580HS0FA
6 OPzV 600	A602/750	NGA6020750HS0FC	NGA6020750HS0FA
8 OPzV 800	A602/1010	NGA6021010HS0FC	NGA6021010HS0FA
10 OPzV 1000	A602/1250	NGA6021250HS0FC	NGA6021250HS0FA
12 OPzV 1200	A602/1510	NGA6021510HS0FC	NGA6021510HS0FA
12 OPzV 1500	A602/1650C	NGA6021650HS0FE	NGA6021650HS0FA
16 OPzV 2000	A602/2200	NGA6022200HS0FC	NGA6022200HS0FA
20 OPzV 2500	A602/2740	NGA6022740HS0FC	NGA6022740HS0FA
24 OPzV 3000	A602/3300	NGA6023300HS0FC	NGA6023300HS0FA

Sonnenschein A600 Solar			
Former Types (until 2011)	GNB Types	Current EPN	New EPN
4 OPzV 240 Solar	A602/295 Solar	NGS6020295HS0FA	NGS6020295HS0FC
5 OPzV 300 Solar	A602/370 Solar	NGS6020370HS0FA	NGS6020370HS0FC
6 OPzV 360 Solar	A602/440 Solar	NGS6020440HS0FA	NGS6020440HS0FC
5 OPzV 400 Solar	A602/520 Solar	NGS6020520HS0FA	NGS6020520HS0FC
6 OPzV 500 Solar	A602/625 Solar	NGS6020625HS0FA	NGS6020625HS0FC
7 OPzV 600 Solar	A602/750 Solar	NGS6020750HS0FA	NGS6020750HS0FC
6 OPzV 720 Solar	A602/850 Solar	NGS6020850HS0FA	NGS6020850HS0FC
8 OPzV 960 Solar	A602/1130 Solar	NGS6021130HS0FA	NGS6021130HS0FC
10 OPzV 1200 Solar	A602/1415 Solar	NGS6021415HS0FA	NGS6021415HS0FC
12 OPzV 1400 Solar	A602/1695 Solar	NGS6021695HS0FA	NGS6021695HS0FC
12 OPzV 1700 Solar	A602/1960C Solar	NGS6021960HS0FB	NGS6021960HS0FC
16 OPzV 2300 Solar	A602/2600 Solar	NGS6022600HS0FA	NGS6022600HS0FC
20 OPzV 2900 Solar	A602/3270 Solar	NGS6023270HS0FA	NGS6023270HS0FC
24 OPzV 3500 Solar	A602/3920 Solar	NGS6023920HS0FA	NGS6023920HS0FC



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