

# Solar systems from Schweizer



## Information sheet PV mounting system

### MSP flat roof MSP-FR

## Name change from MSP-FR-EW-C to MSP-FR-C

### Connection channels MSP-FR-C

| With old support SH 2072554            | With new support SH90 23818      | Min. module width | Max. module width | Scale Support high | Scale Support low | Inclination |
|----------------------------------------|----------------------------------|-------------------|-------------------|--------------------|-------------------|-------------|
| Connection channel 950–1010 mm 2072369 | Connection channel C0935 2072369 | 946 mm            | 950 mm            | 10                 | 10                | 12.1°       |
|                                        |                                  | 951 mm            | 955 mm            | 10                 | 15                | 12.1°       |
|                                        |                                  | 956 mm            | 960 mm            | 15                 | 15                | 12.0°       |
|                                        |                                  | 961 mm            | 965 mm            | 15                 | 20                | 11.9°       |
|                                        |                                  | 966 mm            | 970 mm            | 20                 | 20                | 11.8°       |
|                                        |                                  | 971 mm            | 975 mm            | 20                 | 25                | 11.8°       |
|                                        |                                  | 976 mm            | 980 mm            | 25                 | 25                | 11.7°       |
|                                        |                                  | 981 mm            | 985 mm            | 25                 | 30                | 11.7°       |
| Connection channel 1011–1075 mm 21464  | Connection channel C1000 21464   | 986 mm            | 990 mm            | 30                 | 30                | 11.6°       |
|                                        |                                  | 991 mm            | 995 mm            | 0                  | 0                 | 11.5°       |
|                                        |                                  | 996 mm            | 1000 mm           | 0                  | 5                 | 11.5°       |
|                                        |                                  | 1001 mm           | 1005 mm           | 5                  | 5                 | 11.4°       |
|                                        |                                  | 1006 mm           | 1010 mm           | 5                  | 10                | 11.3°       |
|                                        |                                  | 1011 mm           | 1015 mm           | 10                 | 10                | 11.3°       |
|                                        |                                  | 1016 mm           | 1020 mm           | 10                 | 15                | 11.2°       |
|                                        |                                  | 1021 mm           | 1025 mm           | 15                 | 15                | 11.2°       |
|                                        |                                  | 1026 mm           | 1030 mm           | 15                 | 20                | 11.1 °      |
|                                        |                                  | 1031 mm           | 1035 mm           | 20                 | 20                | 11.0°       |
|                                        |                                  | 1036 mm           | 1040 mm           | 20                 | 25                | 11.0°       |
|                                        |                                  | 1041 mm           | 1045 mm           | 25                 | 25                | 10.9°       |
|                                        |                                  | 1046 mm           | 1050 mm           | 25                 | 30                | 10.9°       |
| Connection channel 1076–1140 mm 21872  | Connection channel C1065 21872   | 1051 mm           | 1055 mm           | 30                 | 30                | 10.8°       |
|                                        |                                  | 1056 mm           | 1060 mm           | 0                  | 0                 | 10.8°       |
|                                        |                                  | 1061 mm           | 1065 mm           | 0                  | 5                 | 10.7°       |
|                                        |                                  | 1066 mm           | 1070 mm           | 5                  | 5                 | 10.7°       |
|                                        |                                  | 1071 mm           | 1075 mm           | 5                  | 10                | 10.6°       |
|                                        |                                  | 1076 mm           | 1080 mm           | 10                 | 10                | 10.5°       |
|                                        |                                  | 1081 mm           | 1085 mm           | 10                 | 15                | 10.5°       |
|                                        |                                  | 1086 mm           | 1090 mm           | 15                 | 15                | 10.4°       |
|                                        |                                  | 1091 mm           | 1095 mm           | 15                 | 20                | 10.4°       |
|                                        |                                  | 1096 mm           | 1100 mm           | 20                 | 20                | 10.3°       |
|                                        |                                  | 1101 mm           | 1105 mm           | 20                 | 25                | 10.3°       |
|                                        |                                  | 1106 mm           | 1110 mm           | 25                 | 25                | 10.2°       |
|                                        |                                  | 1111 mm           | 1115 mm           | 25                 | 30                | 10.2°       |
| Connection channel 1141–1205 mm 21873  | Connection channel C1131 21873   | 1116 mm           | 1120 mm           | 30                 | 30                | 10.1°       |
|                                        |                                  | 1121 mm           | 1125 mm           | 0                  | 0                 | 10.1°       |
|                                        |                                  | 1126 mm           | 1130 mm           | 0                  | 5                 | 10.0°       |
|                                        |                                  | 1131 mm           | 1135 mm           | 5                  | 5                 | 10.0°       |
|                                        |                                  | 1136 mm           | 1140 mm           | 5                  | 10                | 9.9°        |
|                                        |                                  | 1141 mm           | 1145 mm           | 10                 | 10                | 9.9°        |
|                                        |                                  | 1146 mm           | 1150 mm           | 10                 | 15                | 9.8°        |
|                                        |                                  | 1151 mm           | 1155 mm           | 15                 | 15                | 9.8°        |
|                                        |                                  | 1156 mm           | 1160 mm           | 15                 | 20                | 9.8°        |
|                                        |                                  | 1161 mm           | 1165 mm           | 20                 | 20                | 9.7°        |
|                                        |                                  | 1166 mm           | 1170 mm           | 20                 | 25                | 9.7°        |
|                                        |                                  | 1171 mm           | 1175 mm           | 25                 | 25                | 9.6°        |
|                                        |                                  | 1176 mm           | 1180 mm           | 25                 | 30                | 9.6°        |
| 1181 mm                                | 1185 mm                          | 30                | 30                | 9.5°               |                   |             |

## Name change from MSP-FR-EW-C to MSP-FR-C

### Connection channels MSP-FR-C

|                                             |                                      |         |         |    |    |      |
|---------------------------------------------|--------------------------------------|---------|---------|----|----|------|
| Connection channel<br>1206–1270 mm<br>22250 | Connection channel<br>C1197<br>22250 | 1186 mm | 1190 mm | 0  | 0  | 9.5° |
|                                             |                                      | 1191 mm | 1195 mm | 0  | 5  | 9.4° |
|                                             |                                      | 1196 mm | 1200 mm | 5  | 5  | 9.4° |
|                                             |                                      | 1201 mm | 1205 mm | 5  | 10 | 9.4° |
|                                             |                                      | 1206 mm | 1210 mm | 10 | 10 | 9.3° |
|                                             |                                      | 1211 mm | 1215 mm | 10 | 15 | 9.3° |
|                                             |                                      | 1216 mm | 1220 mm | 15 | 15 | 9.2° |
|                                             |                                      | 1221 mm | 1225 mm | 15 | 20 | 9.2° |
|                                             |                                      | 1226 mm | 1230 mm | 20 | 20 | 9.2° |
|                                             |                                      | 1231 mm | 1235 mm | 20 | 25 | 9.1° |
|                                             |                                      | 1236 mm | 1240 mm | 25 | 25 | 9.1° |
|                                             |                                      | 1241 mm | 1245 mm | 25 | 30 | 9.0° |
| Connection channel<br>1271–1335 mm<br>22277 | Connection channel<br>C1263<br>22277 | 1246 mm | 1250 mm | 30 | 30 | 9.0° |
|                                             |                                      | 1251 mm | 1255 mm | 0  | 0  | 9.0° |
|                                             |                                      | 1256 mm | 1260 mm | 0  | 5  | 9.0° |
|                                             |                                      | 1261 mm | 1265 mm | 5  | 5  | 8.9° |
|                                             |                                      | 1266 mm | 1270 mm | 5  | 10 | 8.9° |
|                                             |                                      | 1271 mm | 1275 mm | 10 | 10 | 8.9° |
|                                             |                                      | 1276 mm | 1280 mm | 10 | 15 | 8.8° |
|                                             |                                      | 1281 mm | 1285 mm | 15 | 15 | 8.8° |
|                                             |                                      | 1286 mm | 1290 mm | 15 | 20 | 8.8° |
|                                             |                                      | 1291 mm | 1295 mm | 20 | 20 | 8.7° |
|                                             |                                      | 1296 mm | 1300 mm | 20 | 25 | 8.7° |
|                                             |                                      | 1301 mm | 1305 mm | 25 | 25 | 8.7° |
|                                             |                                      | 1306 mm | 1310 mm | 25 | 30 | 8.6° |
|                                             |                                      | 1311 mm | 1315 mm | 30 | 30 | 8.6° |
|                                             |                                      |         |         |    |    |      |
|                                             |                                      |         |         |    |    |      |
|                                             |                                      |         |         |    |    |      |
|                                             |                                      |         |         |    |    |      |