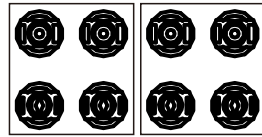


Solis-(75-80)K-5G-PRO Precautions for 182mm PV wiring Scheme

The Solis-(75-80)K-5G-PRO model has three sets of power modules inside, as shown in the figure below. In order to achieve the best power generation, we strongly recommend that the three power modules are evenly connected to the solar panels.

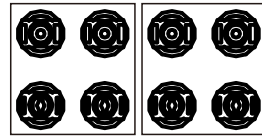
(Note: The "evenly" here means that the difference of the input power between different power modules does not exceed 5%)

Power Module 1



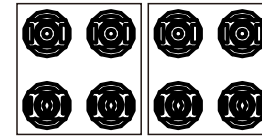
PV 1-4

Power Module 2



PV 5-8

Power Module 3

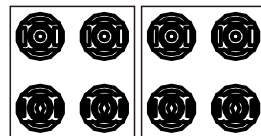


PV 9-12

If three power modules are indeed required to connect the solar panels unevenly, for a power module which is connected to four strings, it is necessary to ensure that the power of each PV strings connected under this power module does not exceed 8.5kW to achieve better power generation performance. In the case that the power difference between each PV string is less than 10%, the 2 common cases are showing below.

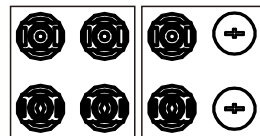
Case 1

Power Module 1 (PV 1-4)

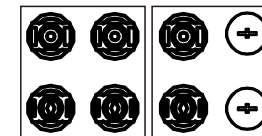


$\leq 8.5 \leq 8.5 \leq 8.5 \leq 8.5 \text{ kW}$

Power Module 2 (PV 5-8)

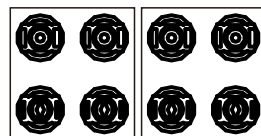


Power Module 3 (PV 9-12)



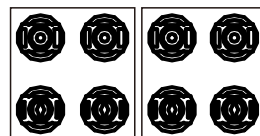
Case 2

Power Module 1 (PV 1-4)



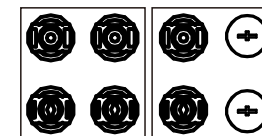
$\leq 8.5 \leq 8.5 \leq 8.5 \leq 8.5 \text{ kW}$

Power Module 2 (PV 5-8)



$\leq 8.5 \leq 8.5 \leq 8.5 \leq 8.5 \text{ kW}$

Power Module 3 (PV 9-12)

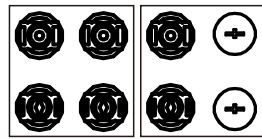


Solis-(75-80)K-5G-PRO Precautions for 210mm PV wiring Scheme

The Solis-(75-80)K-5G-PRO model has three sets of power modules inside, as shown in the figure below. In order to achieve the best power generation, we strongly recommend that the three power modules are evenly connected to the solar panels.

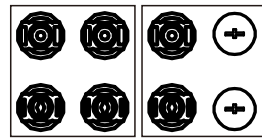
(Note: The "evenly" here means that the difference of the input power between different power modules does not exceed 5%)

Power Module 1



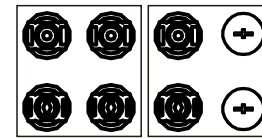
PV 1-4

Power Module 2



PV 5-8

Power Module 3

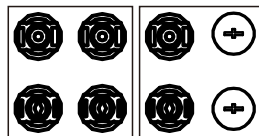


PV 9-12

If three power modules are indeed required to connect the solar panels unevenly, for a power module which is connected to three strings, it is necessary to ensure that the power of each PV strings connected under this power module does not exceed 11.3kW to achieve better power generation performance. In the case that the power difference between each PV string is less than 10%, the 2 common cases are showing below.

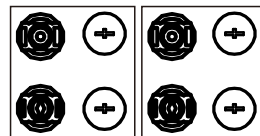
Case 1

Power Module 1 (PV 1-4)

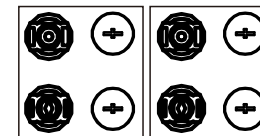


$\leq 11.3 \leq 11.3 \leq 11.3 \text{ kW}$

Power Module 2 (PV 5-8)

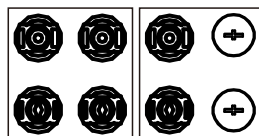


Power Module 3 (PV 9-12)



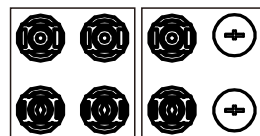
Case 2

Power Module 1 (PV 1-4)



$\leq 11.3 \leq 11.3 \leq 11.3 \text{ kW}$

Power Module 2 (PV 5-8)



$\leq 11.3 \leq 11.3 \leq 11.3 \text{ kW}$

Power Module 3 (PV 9-12)

