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SDT&DT Meter Quick Install Instruction



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Meter Working Principle &
Connection



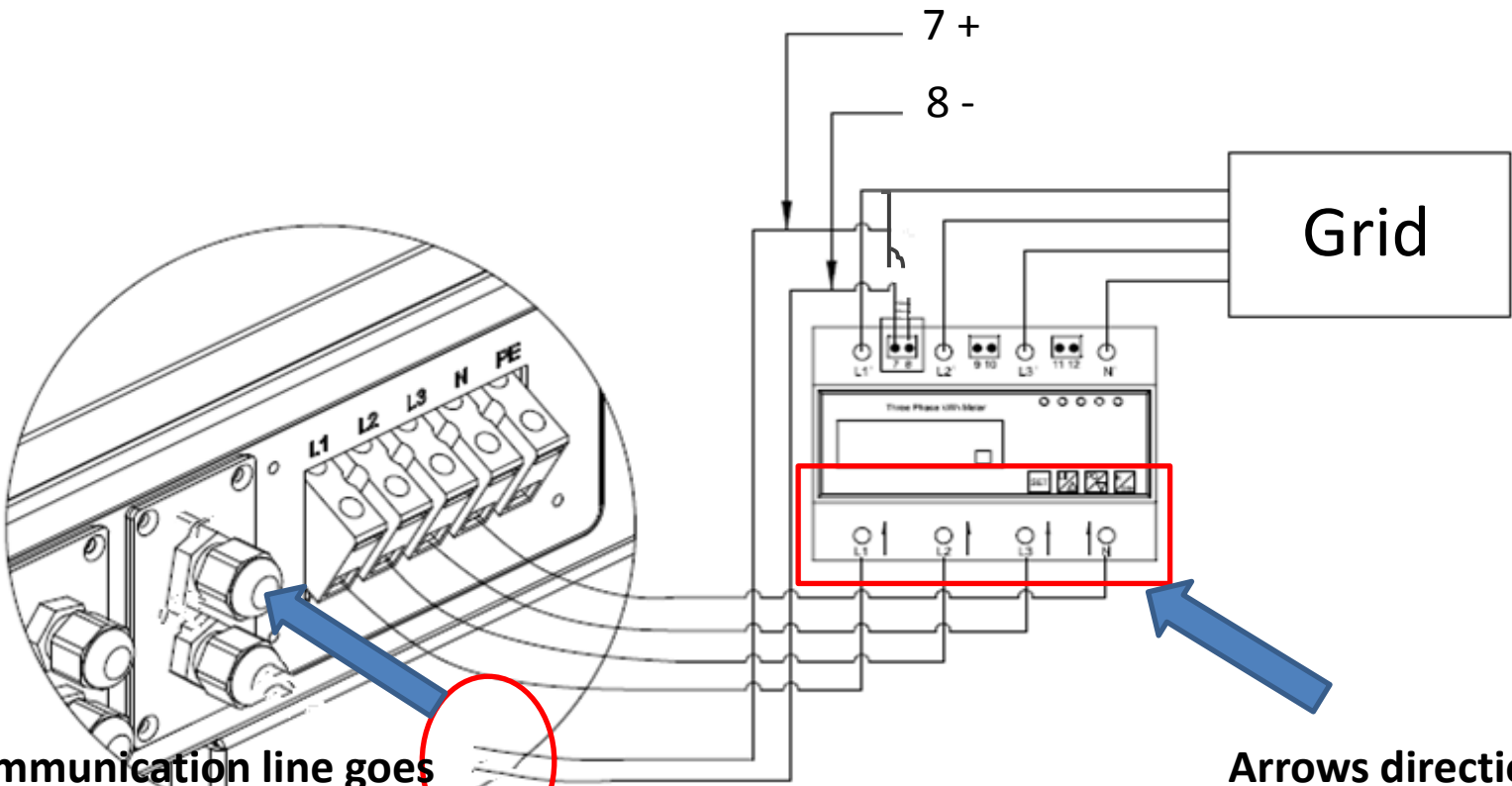
Power Limit Configuration



Meter Working Principle & Connection



The Meter for SDT and DT is used for limiting transfer power from inverter to grid . It is connected between inverter and grid . Arrows direction means it is from inverter to grid . There are 3 firing lines and 1 null line . The communication line connects to port 7 &8 on Meter which as Picture 1 showed below.



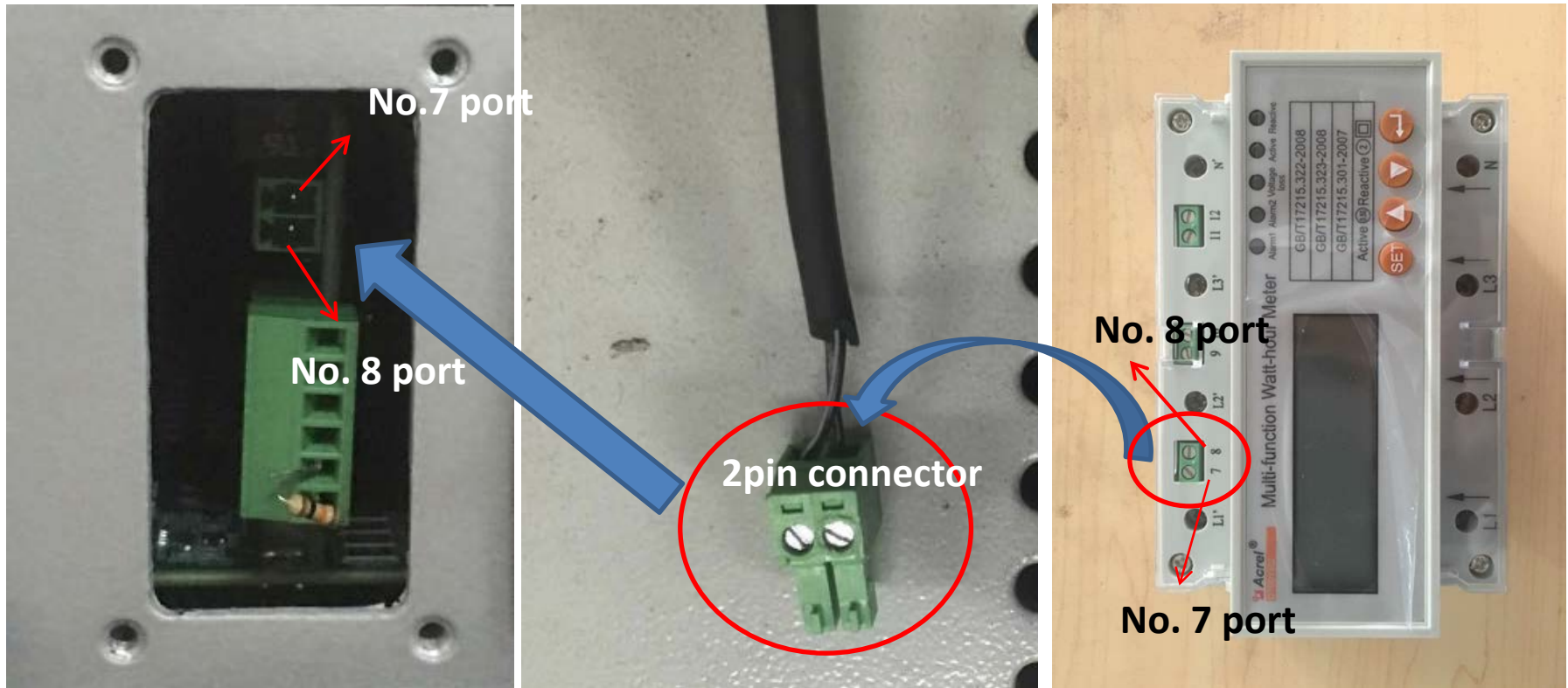
The communication line goes through the upper port

Picture 1

Arrows direction on Meter



Communication line connection



Picture 2



Meter Working Principle & Connection



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Picture 3



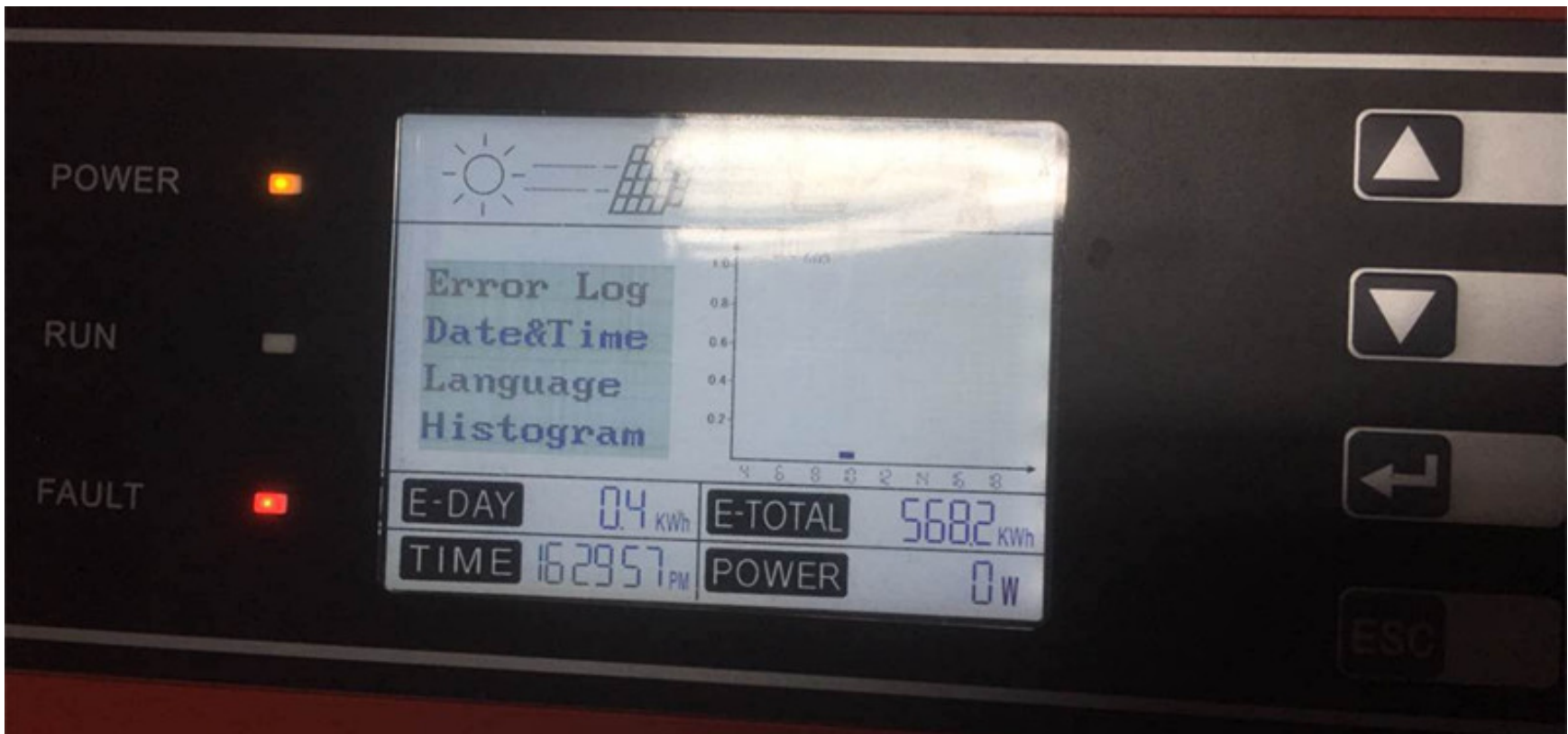
Picture 4



Power Limit Configuration



After connect Meter , when SDT & DT screen displays level 1 menu , short press 'Enter' button to find below interface then , press 'up' and 'down' to find the interface which as Picture 6 showed.



Picture 5



Power Limit Configuration



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Picture 6



Power Limit Configuration



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When you see Picture 6 showed interface , short press 'Enter' button to find 'Limit OFF' interface (the default setting is OFF) , long press 'Enter' button to change 'Limit OFF' to 'Limit ON' which as Picture 7 & 8 showed below.



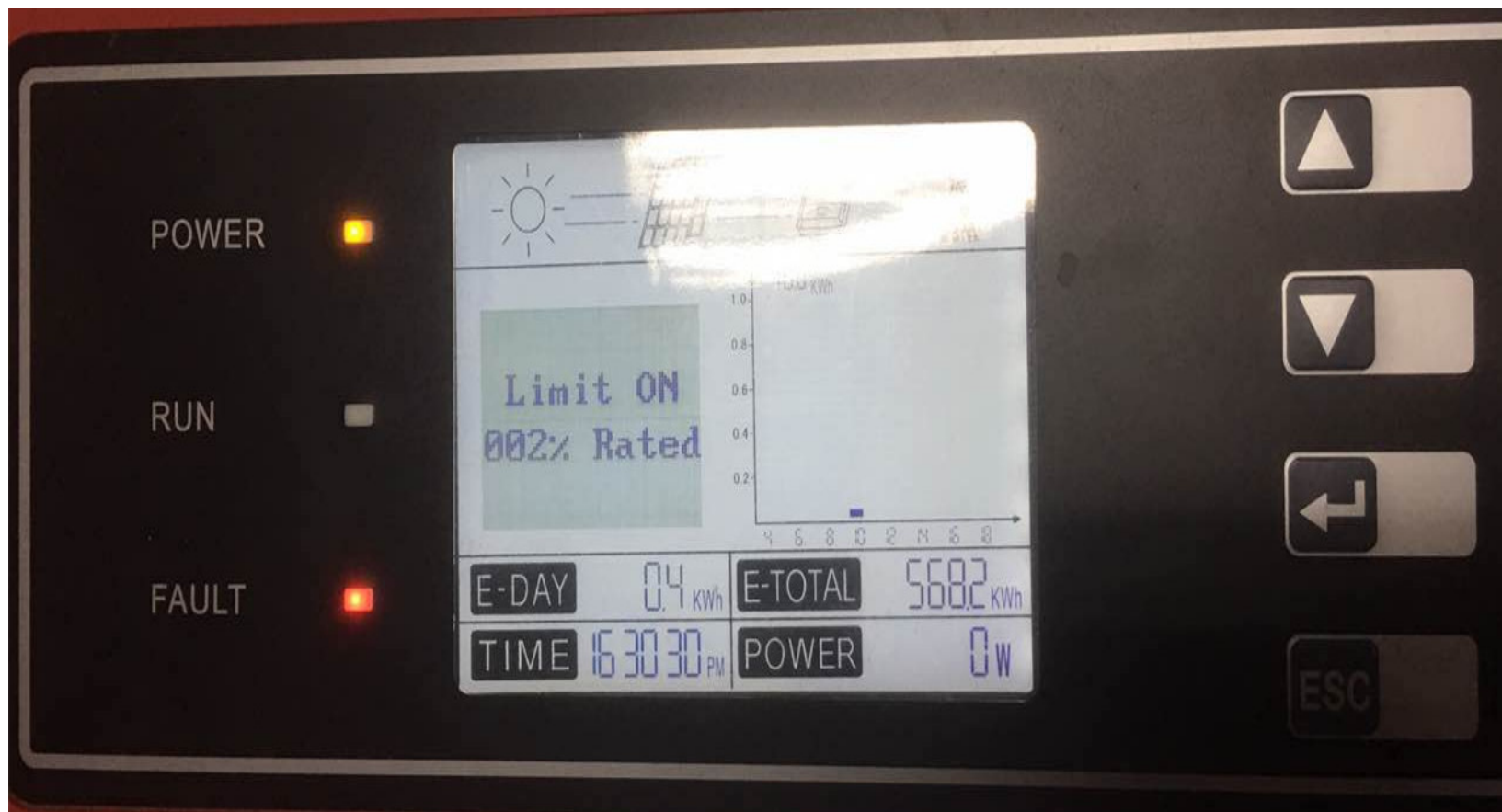
Picture 7



Power Limit Configuration



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Picture 8



Power Limit Configuration



When you see Picture 8 showed interface , press 'Down' button to enter power limit settings . Every number you set successfully then press 'Enter' button to go to the next number set . When the percentage is set successfully , long press 'Enter' to save.





QA



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Q1 : What length for SDT&DT Meter' s communication line?

A1 : Can use RS485 line , the length should be within 100m.

Q2 : What is the max current for SDT&DT Meter?

A2 : 80A



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Thanks



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