

G2000

Power Limiter



Specifications

Model Name	G2000
Input (AC)	
Nominal Voltage	230 V (1Ø), 220/380 V(3Ø)
Nominal Frequency	50/60 Hz
Max. Current	0.5 A
General	
Temperature Range	-20° C ~ 50° C
IP Protection	IP20
Protection	Class II
Humidity	0 - 95%
Detection Signal	
Voltage Signal	3Ø
Current Signal	3Ø
Supported CT Type	8 (Reference Firmware CT Ratio)
CT Detection Position	Grid Side / Load Side
Communication Interface & Display	
LED	Green / Red Two color
RS485	Half - Duplex
Mechanical	
Dimension (w x h x d)	127 x 100 x 28 mm
Weight	0.35
Certification	
Safety	CE/LVD

LED Indications / LED Status

The LED on the power limiter left side will show the power limiter operation status by different colors. In normal operation, the LED appears in green color. It appears in red color when the current flow is from the load side to the grid side



LED Light sequence from left to right side definition is as follow:

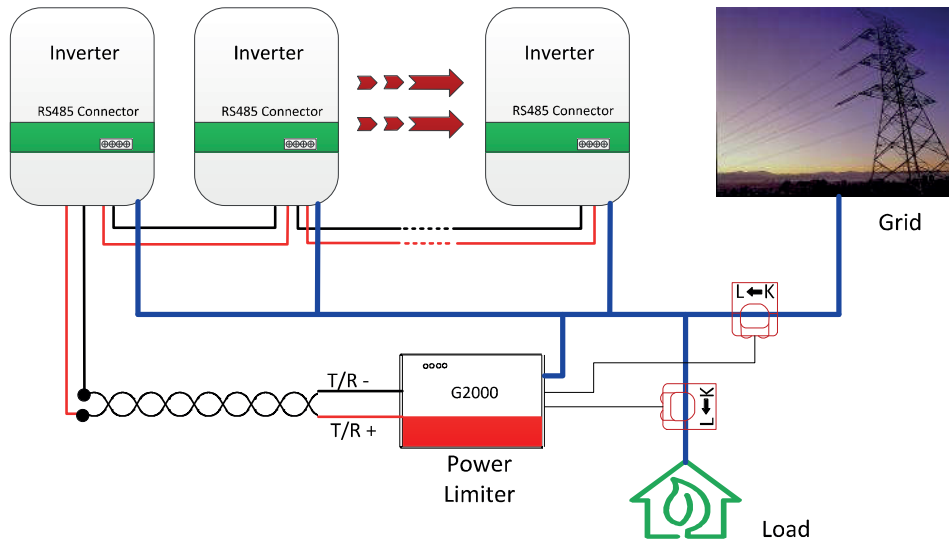
●	Control power build and communication with PV inverter instruction
●	L1 current flow instruction
●	L2 current flow instruction
●	L3 current flow instruction

LED Light status definition is as follow:

○	Power Limiter is disconnected to AC.
●	Solid Green: Power Limiter is Power ON
⊗	Flashing Green: RS485 connection with inverter is in normal
●	Solid Red: Current flow to grid

Before the inverter is working, if the LED appears in red color, please check if the CT +/- wiring is in proper configuration and CT buckle is in right direction to prevent the error.

Please follow the below configuration and make sure the direction of the CT buckle is mainly in the direction of KL



Split-Core Current Transformers 50/60Hz

	Current Ratio	Accuracy Class (%)	Turns Ratio (Np:Ns)	
CT24-B-100ML	50 A / 50 mA	1	1:1000	
CT24-B-200ML	100 A / 50 mA	1	1:2000	