

# SofarSolar ARPC Anti Reverse Power Controller Owner's Manual

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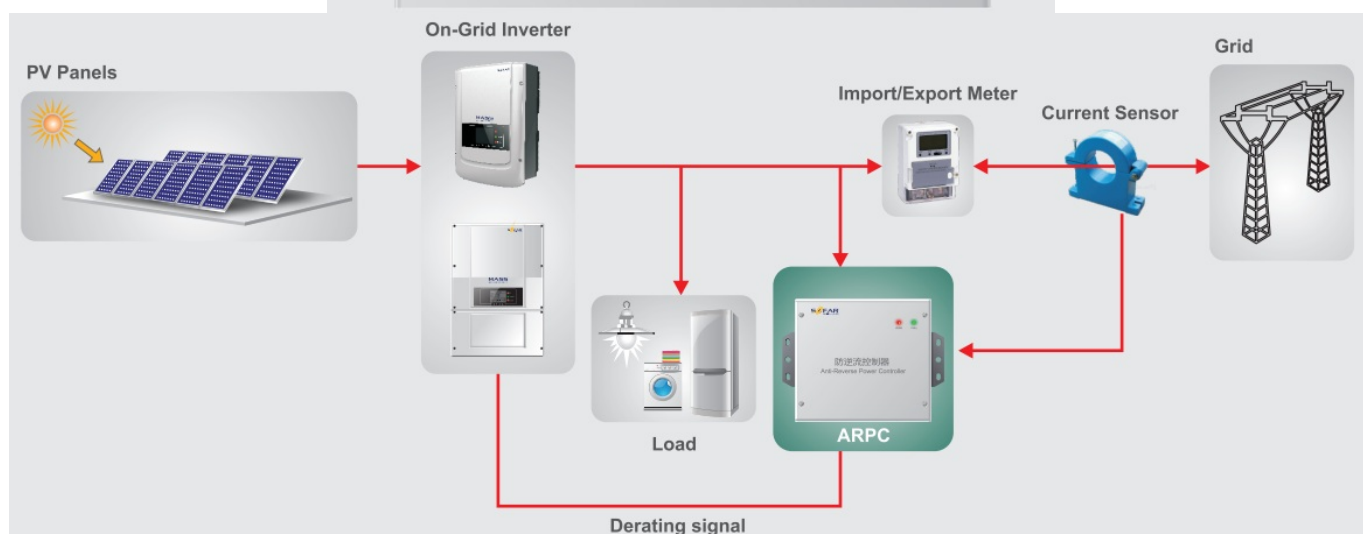


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## ARPC Anti Reverse Power Controller

- Single phase, 3phase capable
- Automatically send derating signals to inverter in realtime
- One device for several inverters
- Easy installation with split-core current sensor




## ARPC Specifications

Power Supply	Answers
Rated Supply Voltage	230VAC
Power Consumption	3W
<b>Device</b>	
Operation Temperature	- 25 ° C to+ 60 ° C
Protection Class	IP30
Dimensions (Wx H x D)	200 X 180 X 55
Solar PV kW Compatability	Upto1.5MW
Power Phase Connectivity	Single, Three
<b>Insulation Coordination</b>	
Device Voltage Insulation	5000 Vac
Measuring Voltage Inputs	

L1-N, L2-N, L3-N	90- 270 Vrms
Rated Frequency	50/60 Hz
Frequency Range	45- 65 Hz
<b>Measuring Current Inputs</b>	
Accuracy Class According IEC 62053-22	Class 1
Operating Range	0- Ratio CT
Input	0-1A
Current Transformer Ratio (Primary)	Selected to Suit
Current Transformer Ratio (Secondary)	0-1A
<b>Power Protection Measurements</b>	
Reverse Power	Below 1s
Response Time	Yes
Sampling Rate per Channel (x 10 Channels)	300 per Half Cycle
Measuring Standard	NIST Standard
<b>Switching Elements Max Current/Voltage</b>	
Switching Elements Max Current/Voltage	2A250 Vac 2A/220Vdc
Lifetime	50,000,000 Activations
Terminal Tightening Torque	0.5Nm
Number of Relays (4 or 6 Bit Binary Control)	Maximum of 6
Generation Whole Switching Relays	Maximum of 6
<b>Device Operation Indicators</b>	
Power to Unit	Green LED
Grid Available	Green LED
Generation Available	Red LED



## Documents / Resources

	<a href="#">SofarSolar ARPC Anti Reverse Power Controller</a> [pdf] Owner's Manual ARPC Anti Reverse Power Controller, ARPC, Anti Reverse Power Controller, Reverse Power Controller, Power Controller, Controller
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