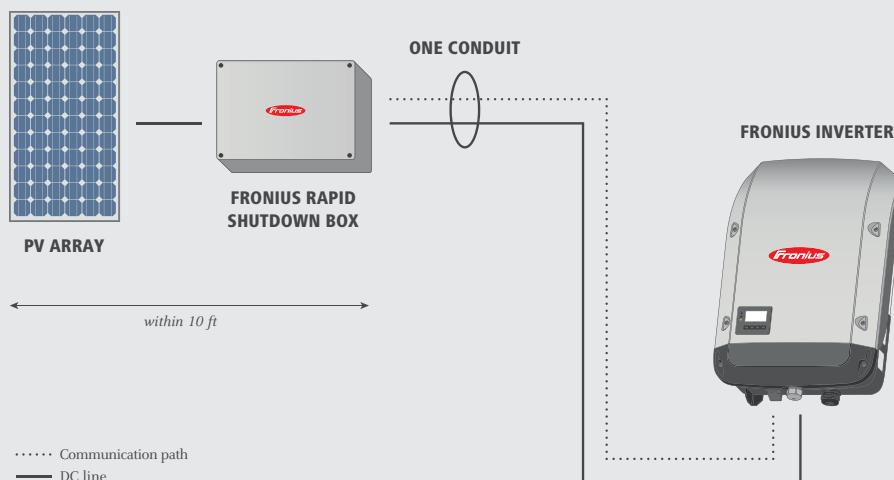


FRONIUS RAPID SHUTDOWN BOX

/ The reliable rapid shutdown solution for Fronius inverters



With the Fronius Rapid Shutdown Box, Fronius offers a reliable and easy to install solutions for all SnapINverters (up to 600 V input). Connected to the inverter through a closed control circuit, the Rapid Shutdown Box provides a safe means of de-energizing the DC circuit from the array to the inverter. If the inverter is disconnected from the grid, the control circuit is opened, and the output from the Rapid Shutdown Box is limited to less than 30 VDC within 10 seconds as mandated by CEC 2015 64-218. Fronius' solution minimizes costs by requiring only a control circuit; no extra power supply, ground level hardware, or modification to the inverter is required.



PRELIMINARY TECHNICAL DATA

RAPID SHUTDOWN BOX	SINGLE STRING	MULTI STRING*
Max. input current	17 A	2 independent channels, at 25 A each (4 strings in, 2 strings out)
Max. voltage	600 V	
Power supply	DC powered by the array (max. 3 W)	
Dimensions (W x H x D)	7.9 x 5.5 x 3.5 in. / 20.1 x 14.0 x 8.9 cm	11 x 7 x 4 in. / 27.9 x 17.8 x 10.2 cm
Max. DC homerun wire size	AWG 10	AWG 8
DC disconnect	N/A	Yes
Protection class	NEMA 4X	
Temperature range	-40 to 140 F (-40° to 60 C)	
DC input wire size	AWG 10 to AWG 12	
Communication wire size	AWG 24 to AWG 14, must be rated at same voltage as PV wire if sharing conduit	
Number of conduit ports	2	1
Conduit size	0.75 in.	1 in.
Certifications and compliance with standards	UL1741, FCC Part 15 Class B, NEC 690.12	

*The Fronius Rapid Shutdown Box - Single is now available. The Fronius Rapid Shutdown Box - Multi will be available for order in Q2 2016.