

Leading - edge Technology

- ▶ Meets NEC 690.12 and compliant with NEC 2014
- ▶ The most cost-effective rapid shutdown product available
- ▶ Immediately eliminates voltage and current upon activation
- ▶ NEMA 4X enclosure allow outdoor installation in the harshest rooftop conditions.
- ▶ Easy installtion and wiring
- ▶ Minimizing additional material cost and associated labor.



Datasheet	Growatt RSD box 2-2	Growatt RSD box 3-3
PV source conductor input		
Max Input voltage	600V	600V
Number of input strings	2	3
Max input current per string	20A@600V	20A@600V
Number of input circuits	2	3
Conductor size	14-8AWG	14-8AWG
PV output conductors output		
Number of output circuits	2	3
Conductor size	14-8AWG	14-8AWG
Control power supply		
Input voltage range	120~277Vac	120~277Vac
Output voltage	12V	12V
Power consumption	<6W/0.5A	<6W/0.5A
Conductor size	28-12AWG	28-12AWG
Stop button	Yes	Yes
Environmental		
Shutdown box Dimensions(W/H/D)	7.28"x9.25"x2.95"	7.28"x9.25"x2.95"
Switch box Dimensions(W/H/D)	4.21"x3.15"x3.46	4.21"x3.15"x3.46
Shutdown box Weight	4.19 lb	4.19 lb
Switch box Weight	0.75lb	0.75lb
Operating temperature	- 25°C ... +45°C	- 25°C ... +45°C
Enclosure rating	NEMA 4X	NEMA 4X
Altitude	<2000m	<2000m
Warranty	5 years	5 years
Certification	UL1741	UL1741

