

Technical Sheet

PV Vault™



Technical data and types

Type code	2-string pass-through	2-string combined	4-string combined
PV source conductor input			
Maximum input current (per string)		10 A	
Maximum input voltage		600 V	
Number of input strings	2	2	4
Maximum input conductor size		8 AWG	
PV output conductors output			
Number of output circuits	2	1	2
Maximum output conductor size		6 AWG	
Manual disconnect	N/A	Yes	Yes
Control power			
Power	Input: 100-250VAC; Output: 24VDC/.65A, 15W		
Maximum power conductor size		12 AWG	
Power off button		Optional	
Environmental	NEMA 4X Enclosure		
Environmental			
Mounting angle		0-90°	
Dimensions (HxWxD)		9" x 8" x 2" (includes mounting tabs)	
Weight	5.8lb.	6lb.	6.2lb.
Operating temperature range		-25 °C to +70 °C	
Enclosure rating		NEMA 4X	
Certifications		UL 1741:2010	
Inverter characteristics			
Power consumption	1.7 W	1.7 W	3.4 W
Maximum input capacitance		1640 µf	
Warranty			
Standard warranty		10 Years	
Available models			
Rooftop box	PWV10-2S26	PWV10-2S16	PVW20-4S26
Control vault - Enclosed 15W 24VDC power		CVP-SK-2*	
Control vault - Enclosed 15W 24VDC power with power off button		CVP-SK-2-OFF*	

* Control vault is required for new installations.

Information in this document is subject to change without notice.

Contact us

ABB

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