



**Model 0766-41**  
**Specification Sheet**  
 The Original Flashed PV Junction Box  
 for Deep Tile & Slate Roofs

**Limited Lifetime Warranty**  
**20 Years Field History**

**Ratings**

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- ETL listed and labeled
- Conforms to UL 1741 Standard
- UL50 Type 3R, 11th edition electrical equipment enclosures
- CSA C22.2 No. 290 Nema Type 3R
- 600 VDC/115 amps
- 240 VAC/60 amps
- Ambient temperature rating (-35°C) - (+75°C)
- 2/12—12/12 slopes

**Specifications**

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- Base material G90 galvanized steel, powder coated black or gray.
- Seamless draw (stamped) with a 12.5" x 13.5" flashing
- 30"x30" Dead soft aluminum counter flashing
- 6" height with an interior workspace of 432 cubic inches
- Approximate weight of 11.4lb
- 7", 35mm slotted din rail, installed
- Five roof deck knockouts, size (3) .5", (1) .75" and (1) 1"
- Five position ground block for wire size 14-4awg
- Sealant included with in installation kit

**Common components used in model 0766-41**

Component description	Conductors		Wire Type	Torque		Voltage	Current	Temp Rating
	1 - AWG	2- AWG		NM	Inch Lbs.			
Entrelec ZS6 terminal block	24-10	24-16	Sol/Str	0.5-0.7	6.2-8.85	600V ac/dc	30A	105°C
Entrelec ZS10 terminal block	24-6	20-12	Sol/Str	1.0-1.6	8.85-14.16	600V ac/dc	40A	105°C
Entrelec ZS16 terminal block	24-4	20-10	Sol/Str	1.6-2.4	14.6-21.24	600V ac/dc	60A	105°C
IMO ER6 terminal block	26-8		Sol/Str	.8-1.2		600V ac/dc	30A	110°C
IMO ER10 terminal Block	16-6		Sol/Str	1.2-1.8		600V ac/dc	30A	110°C
ABB DBL 80 Power block	4		Sol/Str	1.5-2	13.5-18	1000V	80A	110°C
ABB DBL 125 power block	14-6		Sol/Str	2-3	18 - 26.5	1000V	125A	110°C
ABB DBL 175 Power Block	14-6		Sol/Str	2-3	18-26.5	1000V	175A	110°C
Little fuse LPSM CH series	10-14		Sol	2	17.7	600V ac/dc	30A	125°C
Little fuse LPSM CH series	8-14		Str	2	17.7	600V ac/dc	30A	125°C
Bussmann CHPV series	14-10		Sol/Str	2.3	20	600V ac/dc	30A	120°C
Marathon 6SM30AX-C	18-8		Sol/Str		14.75	600V ac/dc	30A	130°C