



**NEP**  
NORTHERN ELECTRIC  
BDM-300X2



Designed in U.S.A  
Assembled in China

22211-3082B31-J  
22211-3082B30-J

V<sub>max</sub> PV 60 Vd.c.  
MPP Voltage 22 - 55 Vd.c.  
I<sub>sc</sub> PV 10A2 Ad.c.  
Nominal Output Voltage 208/220/240 Va.c.  
Nominal Output Frequency 50Hz  
Nominal Output Power 500 Wa.c.  
This device complies with part 15 of the FCC rules.



Max. Continuous Output Current 2.42/3.21 Ad.c.  
Power Factor(cos phi) > 0.99 (full load)  
NEHA4  
Temperature Range -20°C to 65°C  
UL 1741 / CSA C22.2

22211-3082B31-J  
22211-3082B30-J

















MISSION SOLAR ENERGY



Serial No. **M230222-B0274**



Model Number		<b>MSE396SX9R</b>	
Rated Maximum Power	[W]	<b>396 (-0/+3%)</b>	
Open – Circuit Voltage	[V]	<b>45.2</b>	
Voltage at Pmax	[V]	<b>37.0</b>	
Short – Circuit Current	[A]	<b>11.24</b>	
Current at Pmax	[A]	<b>10.68</b>	
Max. System Voltage	[V]	<b>1000</b>	
Max. Series overcurrent protective device (where required) fuse rating	[A]	<b>20</b>	
Standard test condition		<b>AM=1.5 E=1000W/m<sup>2</sup> Tc=25°C</b>	

For field connections, use Cu only, 12AWF (US, CANADA), 4mm<sup>2</sup> (EU, Asia) wires insulated for a minimum of 90°C, rated for wet conditions and resistant to ultra violet radiation (where exposed). See installation manual for PV connector details and compatibility. Avertissement Risque de choc électrique. Ce module produit des tensions élevées dans la lumière du soleil. Risque électrique peut choquer, brûler ou de provoquer la mort. Ne pas toucher la borne.



LISTED PHOTOVOLTAIC MODULE OVER 600 VOLTS E864743



Fire Rating : Type 1  
 Class of Equipment: Class II  
 Design Load: Minimum 3600 Pa front and minimum 1600 Pa back load

**Warning**  
 PV modules generate voltage even with very weak light. Do not open the junction box. Les modules PV produisent tension même en basse lumière.  
 Ne pas ouvrir la boîte de jonction.



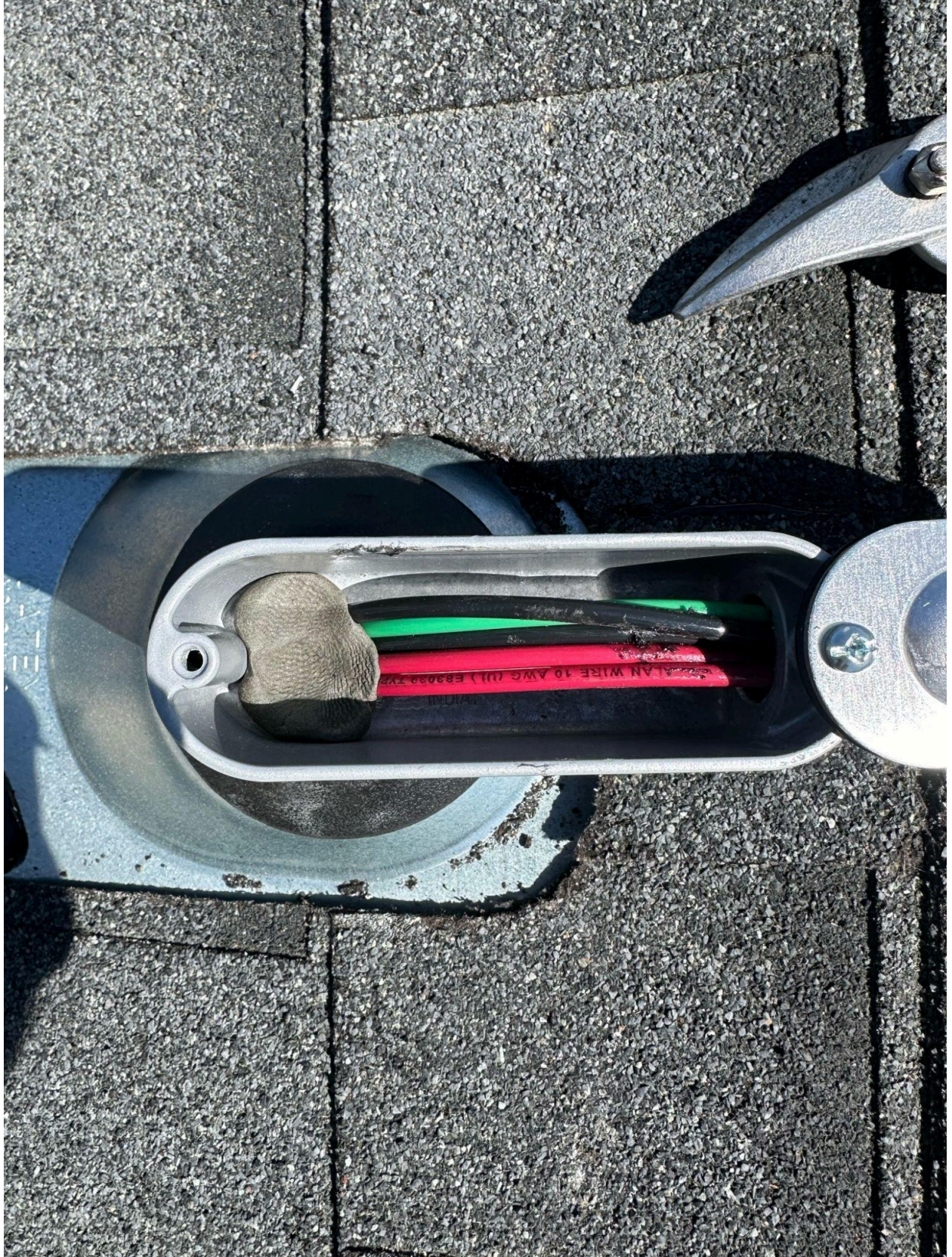
Buy American Act & the American Recovery and Reinvestment Act



MODULES ASSEMBLED & ENGINEERED IN THE USA OF U.S. AND FOREIGN PARTS

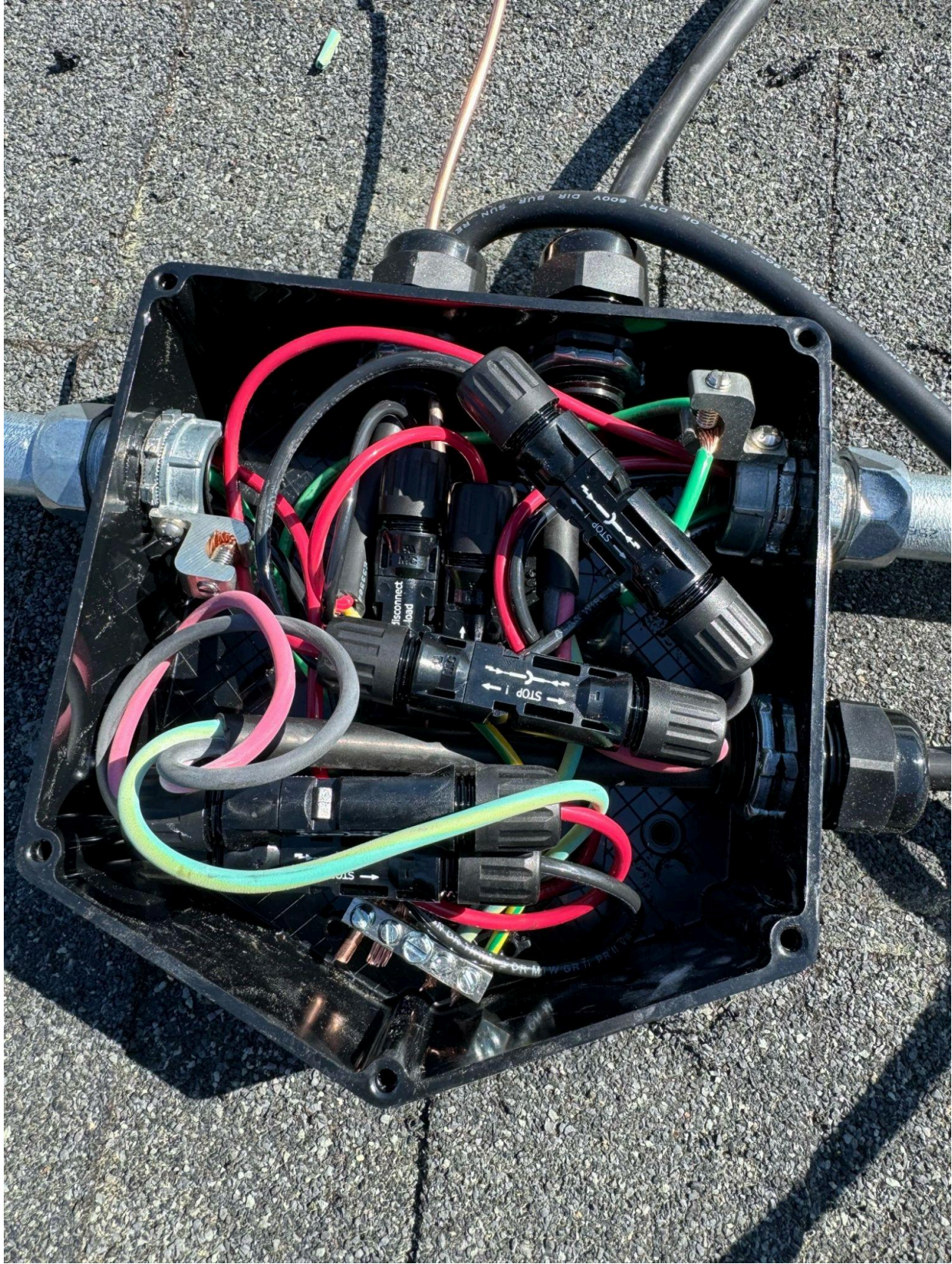
Address:  
 8303 S. New Braunfels Ave.  
 San Antonio, TX 78235

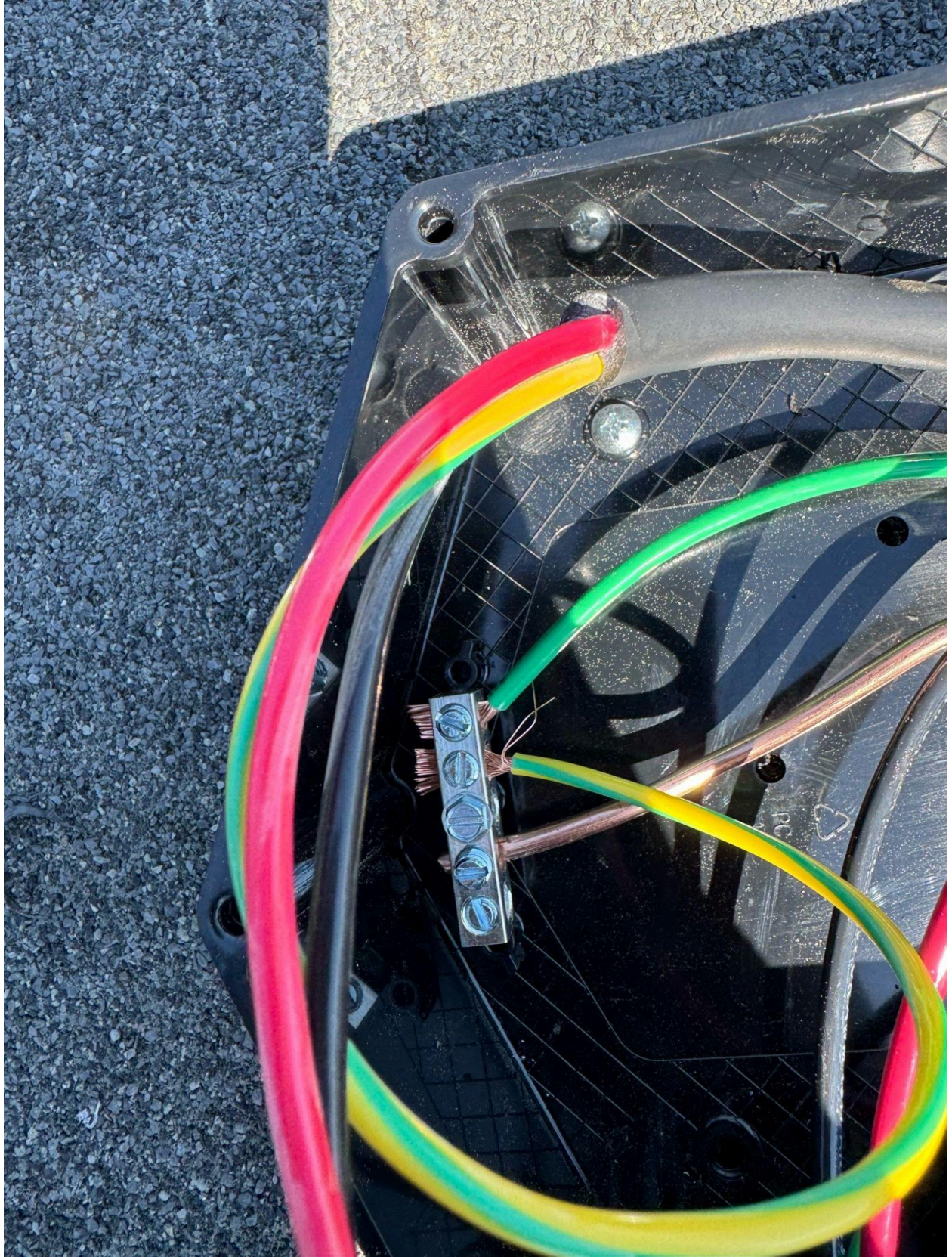
**ASSEMBLED IN THE USA**















CRUZ, RIVERA

5680 OLD US HIGHWAY

LILLENGTON NC

27546

1





2

EZ SOLAR  
CRUZ, RIVERA

5680 OLD 15 HIGHWAY

421  
WILLINGTON NC  
27546

Patents: ezsolarpnproducts.com/patents







