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REVISIONS			
REV	DESCRIPTION	CHKD	DATE
01	RELEASE	JHL	03/31/08
02	CORRECTED INVERTER CABLES	JHL	04/16/08
03	ADDED 32V INVERTER INFO	JHL	09/05/08
04	REMOVED BRANCH DISCONNECTS	JHL	11/04/08
05	UPDATED FOR M190	JHL	02/12/09
06	UPDATED FOR M210	JHL	04/15/09

**ENPHASE AC INTERCONNECT CABLE**  
 BLACK - L1  
 RED - L2  
 ORANGE - UNUSED  
 BLUE - NEUTRAL

UP TO 15 M190-72-240-S1x  
 OR  
 UP TO 13 M210-84-240-S1x  
 MICRO-INVERTERS  
 PER BRANCH CIRCUIT  
 @ 240 VAC (Approx. 2800 WAC)

UP TO 15 M190-72-240-S1x  
 OR  
 UP TO 13 M210-84-240-S1x  
 MICRO-INVERTERS  
 PER BRANCH CIRCUIT  
 @ 240 VAC (Approx. 2800 WAC)

UP TO 15 M190-72-240-S1x  
 OR  
 UP TO 13 M210-84-240-S0x  
 MICRO-INVERTERS  
 PER BRANCH CIRCUIT  
 @ 240 VAC (Approx. 2800 WAC)

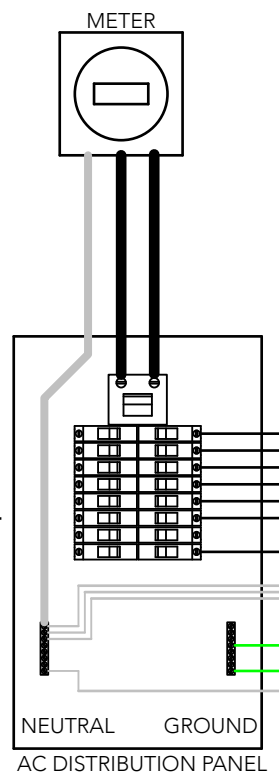
THE FIRST AC CONNECTOR IN EACH BRANCH CIRCUIT IS SUITABLE AS A DISCONNECTING MEANS THE AC LOAD CENTER BREAKER SHOULD BE OPENED PRIOR TO DISCONNECTING AC CONNECTORS

END CAP INSTALLED ON LAST INVERTER CABLE OF BRANCH CIRCUIT

UP TO 250  
 MICRO-INVERTERS  
 PER  
 ENVOY COMMUNICATIONS GATEWAY

ETHERNET CABLE TO BROADBAND ROUTER

1 - 2 POLE 15 AMP  
 CIRCUIT BREAKER  
 PER BRANCH CIRCUIT



**IMPORTANT:** Make sure that you measure the Line-to-Line and Line-to-Neutral voltage of all service-entrance conductors prior to installing any solar generation equipment. The voltages for the 240 Vac rated microinverter models should be within the following ranges:  
 L1 to L2 - 211 to 264 Vac, L1 or L2 to neutral - 106 to 132 Vac

QTY	PART NUMBER	VENDOR	DESCRIPTION	ITEM
PARTS LIST				
TOLERANCES: UNLESS OTHERWISE SPECIFIED		APPROVALS		
.X = .06		DATE		
.XX = .02		DRN BY J. LAUGHY		
.XXX = .010		ENGR		
FRACTIONS = ±1/32"		MFG		
ANGLES = ±2°		FINISH		
ALL DIMENSIONS ARE IN INCHES		DO NOT SCALE DRAWING		
3RD ANGLE PROJECTION		SCALE		
MATERIAL: SEE NOTES		[e] enphase ENERGY		
FINISH: SEE NOTES		201 1st st suite 111 Petaluma, CA 94952 707-763-4784		
		FIELD WIRING DIAGRAM 240 VAC SINGLE PHASE M190-72-240-S1x, M210-84-240-S1x		
		DWG NO. 144-00001		
		REV 06		