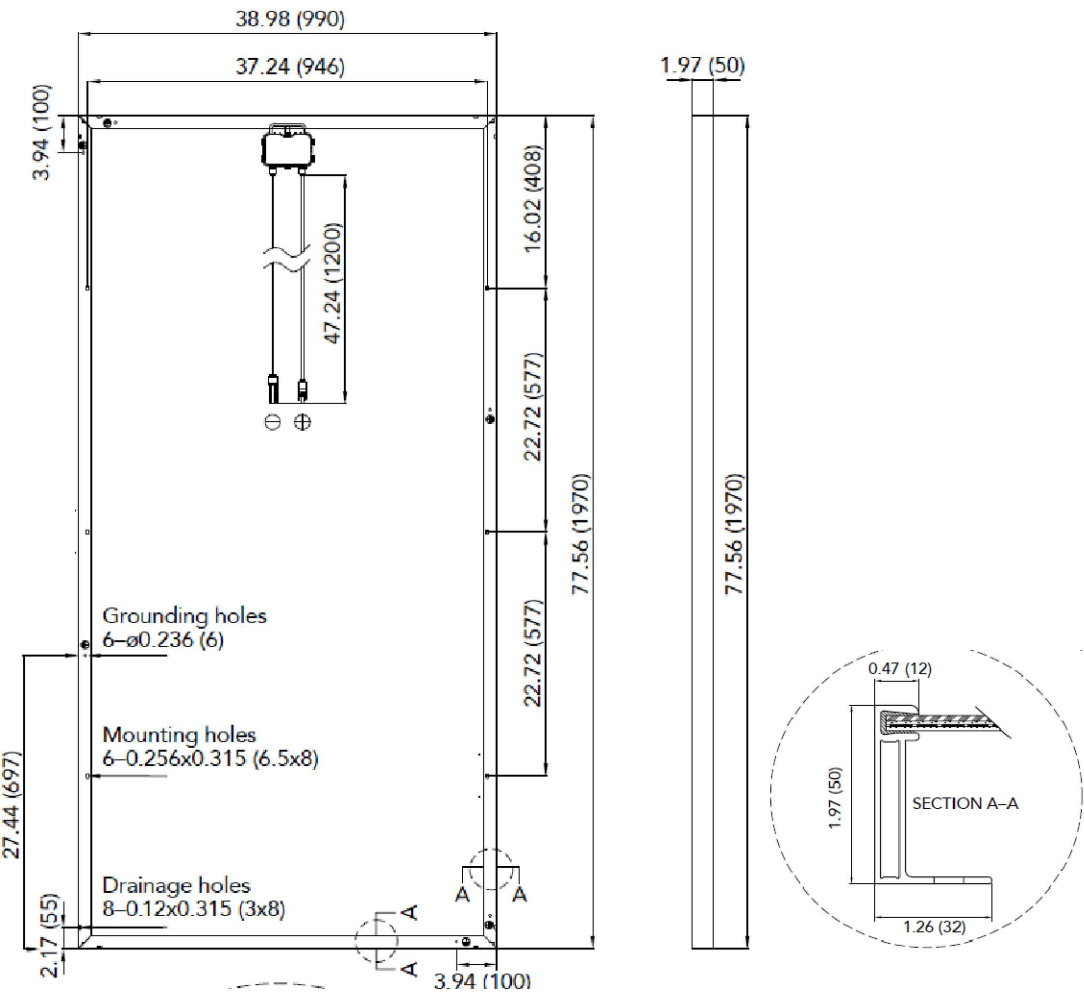


MÓDULO YL300P-35b YINGLI SOLAR

Electrical parameters at Standard Test Conditions (STC)			
Power output Pmax	W		300
Power output tolerances ΔPmax	W		0
Module efficiency ηm	%		15.4
Voltage at Pmax Vmpp	V		36.7
Current at Pmax Impp	A		8.17
Open-circuit voltage Voc	V		46.3
Short-circuit current Isc	A		8.77
STC: 1000W/m2 irradiance, 25°C cell temperature, AM 1.5g spectrum according to EN 60904-3. Average relative efficiency reduction of 5.0% at 200W/m2 according to EN 60904-1.			
Electrical parameters at Nominal Operating Cell Temperature (NOCT)			
Power output Pmax	W		217.3
Voltage at Pmax Vmpp	V		33.4
Current at Pmax Impp	A		6.51
Open-circuit voltage Voc	V		42.7
Short-circuit current Isc	A		7.1
Thermal Characteristics			
Nominal operating cell temperature	NOCT °C		46+/-2
Temperature coefficient of Pmax	γ %/°C		-0.45
Temperature coefficient of Voc	βVoc %/°C		-0.33
Temperature coefficient of Isc	αIsc %/°C		0.06
Temperature coefficient of Vmpp	βVmpp %/°C		-0.45
General Characteristics			
Max. system voltage	1000VDC		
Max. series fuse rating	15A		
Limiting reverse current	15A		
Operating temperature range	(-40 to 90°C)		
Max. static load, front (e.g., snow and wind)	5400 Pa		
Max. static load, back front (e.g., snow and wind)	2400 Pa		
Hailstone impact	(25 mm) at (23 m/s)		
General Characteristics			
Dimensions (L/W/H)	1970mm/990mm/50mm		
Weight	26.8 kg		



TOTAL 17280 MÓDULOS 5184 kWp

REVISION	CONCEPTO	FECHA

PRELIMINAR	X
LIBERADO PARA PROYECTO	
PARA PRESUPUESTO	
PARA APROBACIÓN	
LIBERADO P/ CONSTRUCCIÓN	
AS BUILT	

PROYECTO DE LA PLANTA FOTOVOLTAICA DE 5MWp PARA EL SISTEMA AISLADO DE COBIJA - BOLIVIA		
ESCALA:	PLANO:	NUMERO:
INDICADA	ESPECIFICACIONES MÓDULOS	PV-13
FECHA:		CODIGO:
2014-01-17		TM-13-004
PROPIEDAD:	LOS INGENIEROS:	
Empresa Guaracachi S.A.	CARLOS ALVAREZ INGENIERO ELECTROMECÁNICO RNI 8038	ALBERTO CEÑA INGENIERO AERONÁUTICO