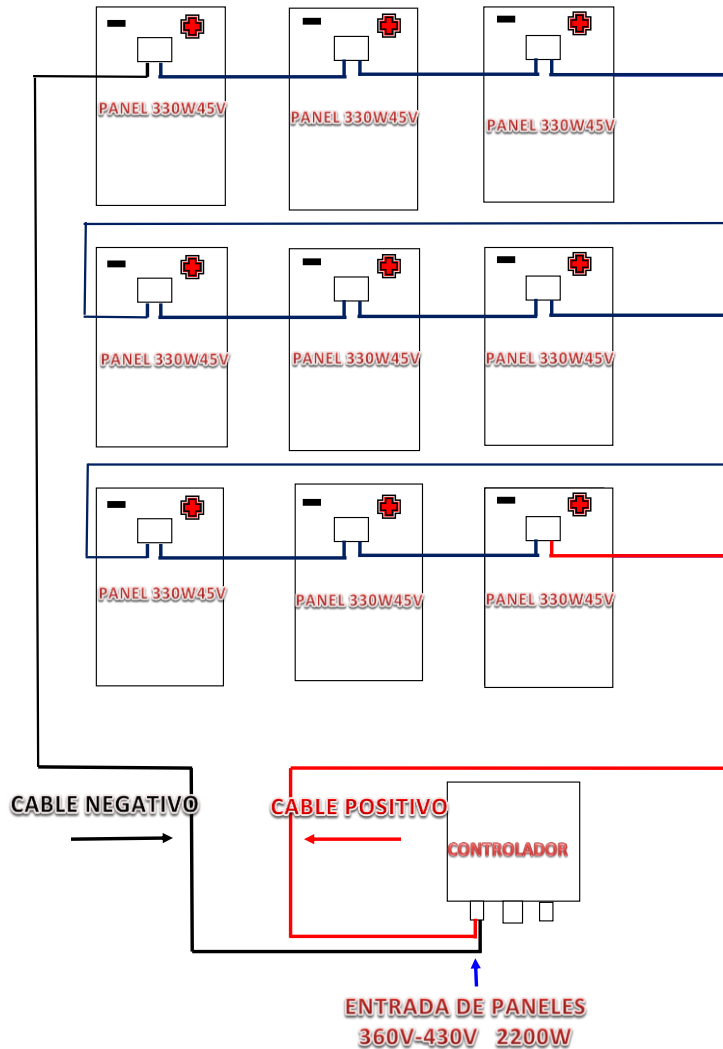


Conexión de paneles para bombas B4/H8 2200W (9 paneles de 330W y 45Voc)



IMPORTANTE

Los paneles colocarlos con inclinación a 45° y orientados al Norte y sin sombras.

El Cable que va del **Panel Solar al Controlador**, con distancias hasta 50 mts - Cable Multifilar . de 6mm

Si la distancia es mayor a 60 mts - Cable Multifilar 8mm.

El Cable que va del **Controlador a la Bomba** unir al chicote existente con un cable trifasico , de 3 vias.

Con distancias hasta 40 mts - Cable Multifilar de 4 mm2 de sección (superplastico 3x4)

Si la distancia es de 40 a 80 mts - Cable Multifilar 6 mm2 de sección (superplastico 3x6)

Cable para los sensores, hasta 100M se recomienda de 1mm, de 100M a 250M 4mm, mas de 250M consultar.

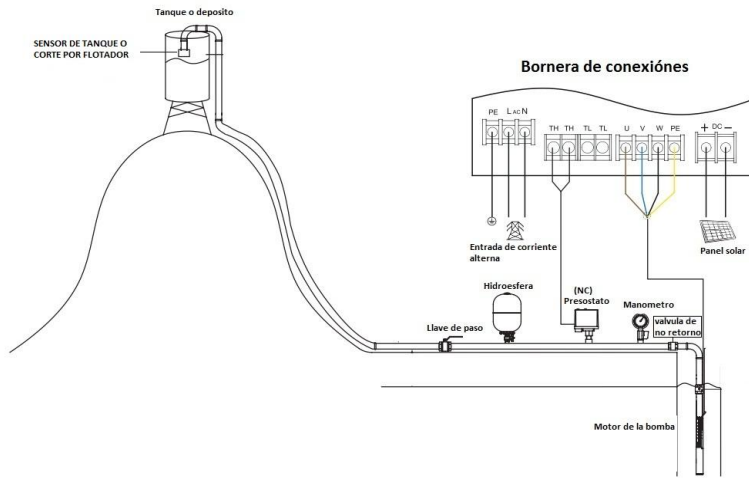
IMPORTANTE: El equipo cuenta con un sensor flotador para el tanque o deposito conexcion (TH1-TH2) NC (normal cerrado) Una vez activo el sensor - este tardara 5 minutos en encender nuevamente

PRESOSTATO: En el caso de usar presostato este se conectara en TH1-TH2 y tiene que ser normal cerrado

IMPORTANTE: Cuidado con las **HORMIGAS**. Sellar las entradas de la caja estanca de forma de impedir la entrada de hormigas o insectos que dañen el circuito o cableado interno.

DENTRO DEL AGUA, LA BOMBA PUEDE ESTAR SUMERGIDA HASTA 90 MT.

EL DIAMETRO DE CAÑERÍA MINIMO ES DE 1 Y 1/4 PULGADA, DEPENDIENDO DE LA ALTURA MANOMETRICA (ALTURA DE ELEVACION + TRASLADO LATERAL) PUEDE SER DE DIAMETRO MAYOR (1 Y 1/2 O 2 PULGADAS)



Show	Diagnostic Content	Content Description	Processing Method	Re-Testing Time
E-R1	IPM protection	Output phase-to-phase short circuit or power IGPT damage	1. Check if the output terminals of the controller are properly connected; 2. Check if the motor has faults 3. If the fault is still repeated, please contact the seller or after-sales center.	30 Seconds
E-R2	Overcurrent protection	Excessive input or output current	1. Check the input power. 2. Check if the motor and controller power match; 3. Try to extend the acceleration time in parameter setting; 4. Wait until the motor stops completely before starting; 5. If the fault is still repeated, please contact the seller or after-sales center.	30 Seconds
E-D1	Drive failure	Drive hardware failure	Please contact the seller or after-sales center.	30 Seconds

Show	Diagnostic content	Content Description	Processing method	Re-Testing Time
E-N2	Water shortage protection	Water shortage protection in wells	1. Check well water level 2. If the fault is still repeated, please contact the seller or after-sales center.	30 seconds, 30 minutes after 3 consecutive times
E-F1	Float switch	Reverse float connection when using dual float setting, or hardware failure	1. Exchange floats or swap X1 and X2 2. Check the float 3. If the fault is still repeated, please contact the seller or after-sales center.	30 Seconds

Show	Diagnostic content	Content Description	Processing method	Re-Testing Time
E-E2	Storage failure	EPROM memory corruption	Please contact the seller or after-sales center.	30 Seconds
E-U1	Low voltage protection	Bus voltage below 50V	1. Check the input power. 2. If the fault is still repeated, please contact the seller or after-sales center.	30 Seconds
E-U2	Overvoltage protection	Bus voltage higher than 460V	1. Check the input power. 2. If the fault is still repeated, please contact the seller or after-sales center.	30 Seconds
E-CH	Over temperature protection	The temperature inside the control box exceeds the set protection temperature	1. Check the installation environment of the controller; 2. Check the radiator duct; 3. If the fault is still repeated, please contact the seller or after-sales center.	30 Seconds
E-L1	Stall protection	Controller motor parameters are not correct	1. Check whether the controller parameter Settings (P1, P2) are correct; 2. If the fault is still repeated, please contact the seller or after-sales center.	30 Seconds
E-L2	Out-of-step protection	Insufficient starting voltage, too much fluctuation of AC power supply	1. Check the input power. 2. If the fault is still repeated, please contact the seller or after-sales center.	30 Seconds
E-G1	Current Offset	Controller current detection hardware failure	Please contact the seller or after-sales center.	30 Seconds
E-P1	Out-of-phase protection	The motor is connected to one phase less or not connected to the motor or motor temperature protector protection	1. Check the input power 2. Check the controller input terminal 3. Check motor/water pump 4. If the fault is still repeated, please contact the seller or after-sales center.	3 Minutes