

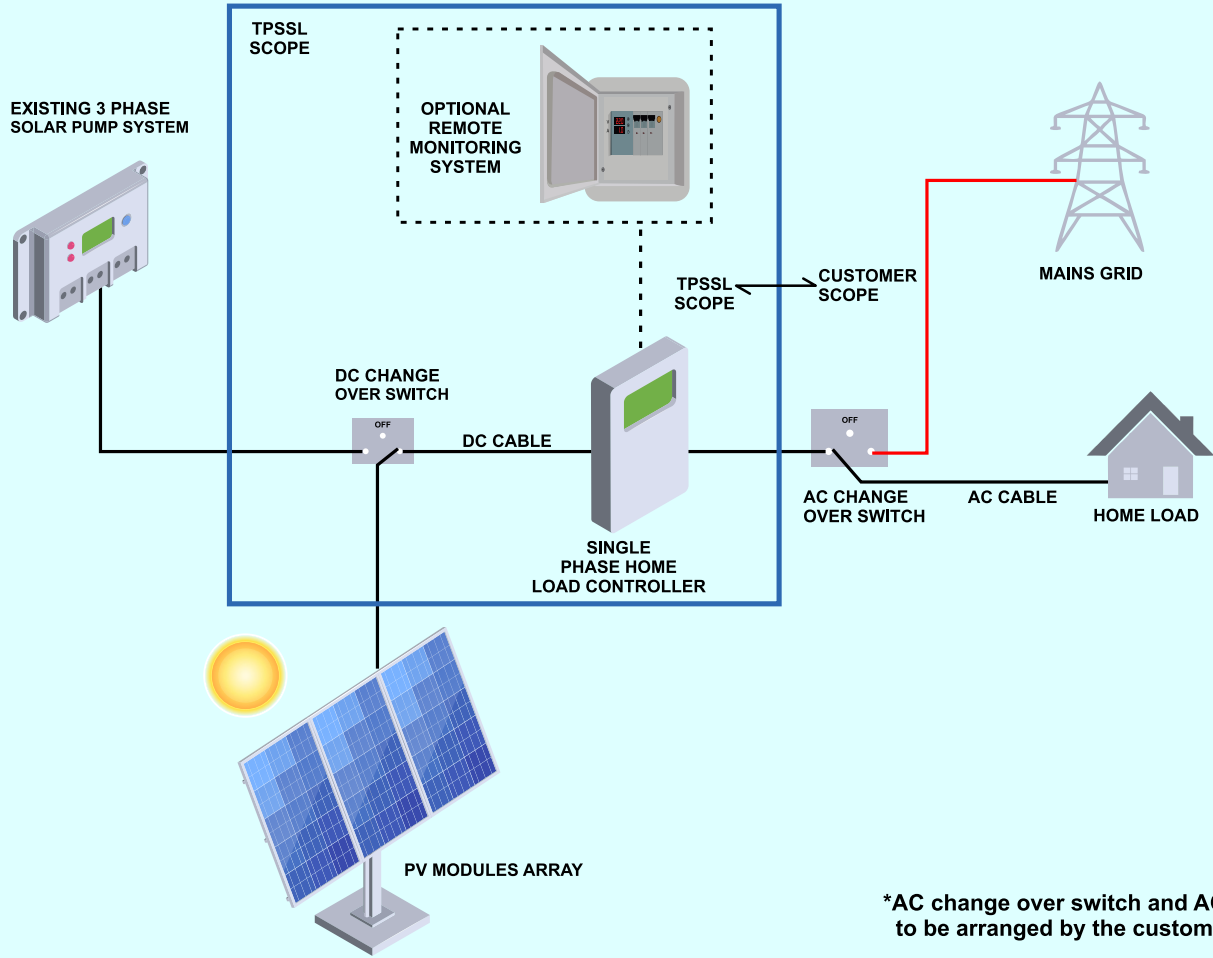
SINGLE PHASE CONTROLLER (SPC)



BRINGING RELIABLE ELECTRICITY SUPPLY WITH SOLAR WATER PUMPS

- ✔ **Tata Power Solar's Single Phase Controller (SPC)** provides single phase supply to households of farmers when the **Solar Water Pump is not in operation**.
- ✔ It can be used in any new or existing solar water pump installation of the farmer and provides **reliable clean power from dawn to dusk** without the need of **any additional battery pack**.
- ✔ It helps to maximize the usage of the Solar Water Pump and helps to improve the overall operating economics of the solar water pump for the farmer.
- ✔ This product is extremely **robust and versatile** and can be used with **solar water pump and controller of any make**.

SPC Installation Block Diagram



Tata Power Single Phase Controller Range & Specifications

GENERAL DETAILS	5.0 HP	7.5 HP	10.0 HP
Input Supply type	Solar PV	Solar PV	Solar PV
Output type	Single phase AC	Single phase AC	Single phase AC
Single Phase Application	Domestic Home Load	Domestic Home Load	Domestic Home Load
CONTROLLER INPUT SUPPLY			
Minimum Solar PV module Array Rating	4800 Wp	6750 Wp	9000Wp
PV input voltage range	200 - 800 VDC	200 - 800 VDC	200 - 800 VDC
Max PV input current	10A	20A	20A
CONTROLLER OUTPUT POWER SPECIFICATIONS			
Output Power (W)	2200	3300	3700
Output power type	Single phase 230 VAC 50Hz	Single phase 230 VAC 50Hz	Single phase 230 VAC 50Hz
Load Details	Domestic Lights, fans, aircoolers, mixers and inverter battery charging	Domestic Lights, fans, aircoolers, mixers and inverter battery charging	Domestic Lights, fans, aircoolers, mixers and inverter battery charging
Max Output current	10A	14A	16A



Toll Free: 1800 419 8777



info.solar@tatapower.com



www.tatapowersolar.com



Scan Me