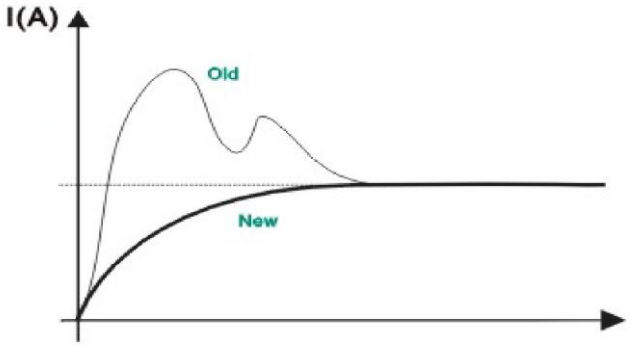
Product SPECIFICATION SHEET

ACDC DYNAMICS
www.acdc.co.za

TSCP-DC PV PUMP CONTROLLER

THE ADVANTAGES OF NEW CONTROLLER:

1. Adopting Software start–up system for motor control. the motor starts up placidly and the current is far less than traditional hardware startup technology. please see the attached chart.
2. By detecting the solar power circuit, the controller can prevent the motor from starting up frequently when the solar power is weak, Thereby it can protect the pump motor and prolong the motor lifetime
3. The MCU can detect the circuit automatically and can be displayed by LED.
4. Through groundwater and tank water level detection, as well as the current and voltage detection, the system can work automatically. when the current is overload, the system can restart automatically.
5. Adopting MPPT technique of automatic max power point tracking, the motor efficiency will be improved 10%~25%.
6. Customers can choose Battery Function according to actual demand. If yes, please open the "BATTERY MODE" switch.





12~24V Controller

Rated Voltage	24VDC
Rated Current	10A
Open circuit voltage	50VDC
Maximum power	200W
Ambient temperature	–20℃ ~ +50℃



36~48V Controller

Rated Voltage	48VDC
Rated Current	10A
Open circuit voltage	100VDC
Maximum power	500W
Ambient temperature	–20℃ ~ +50℃

BRANCH CONTACT DETAILS

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