

### Solar DC Pump Controller (for surface dc motor)

MODEL	1HP	2 HP	2HP
INPUT-PV Panel			
Panel Wattage Wp	1000W	2000W	1500W
PV Panel Array	24V/36V/48V	48V	48V
I/P Voltage Range	30-90V DC	60-90V DC	60-168V DC
Max PV Volt (Voc)	90V	90V	170V
MPPT Range	30-72V	60-72V	60V-144V
OUTPUT SPECIFICATIONS			
CONTROL ON/OFF SWITCH	YES		
Motor Voltage	24V-30V	48V-60V	48V-60V
Low Voltage cut off			
Maximum Current	35A	35A	25A
PROTECTIONS			
Lightning(MOV)	YES	YES	YES
Panel Reverse Polarity	YES	YES	YES
Short Circuit	YES	YES	YES
Over Load	YES	YES	YES
COOLING SYSTEM	Fan	Fan	Fan
INDICATIONS			
PV OK GRN	YES	YES	YES
PV LOW RED/ MPPT GRN	YES	YES	YES
DIMENSION	235W X 200D X 100H mm		
ENCLOSURE TYPE	IP20		
WEIGHT	2.5 Kgs		
OPERATING TEMP	0 TO 50 DEG C		

\* Please consult with us while selection of PV panels.