

SOLAR PUMP CONTROLLER

MODEL	7.5 HP	10 HP	15 HP	20 HP
INPUT-ARRAY OF PV PANEL	Nos. of PV panels in series of suitable wattages such that Vmp should be within range of 380-650V and Voc does not exceed 750V			
	OR 3 Phase 415V AC Supply from grid (if wish to run in solar preferetional logic or without solar)			
Total Panel Wattage Wp (approx)	7500W	10000W	15000W	20000W
Max PV Volt (Voc)	750V	750V	750V	750V
MPPT Range (Vmp)	380-650V	380-650V	380-650V	380-650V
DC Energy Meter	To read PV voltage, current & power (Power generated by Pv panels)			
OUTPUT	suitable to 3 Phase 415V AC motor			
PROTECTIONS				
Lightning(MOV)	YES	YES	YES	YES
Panel Reverse Polarity (PV)	YES	YES	YES	YES
Short Circuit (PV)	YES	YES	YES	YES
Over Load (O/P)	YES	YES	YES	YES
Over Voltage	YES	YES	YES	YES
DIMENSION	500 (W) X 300 (D) X 500 (H) mm * dimension subject to change			
ENCLOSURE	MS Powder Coated box			
OPERATING TEMP	0-50 DEG C			