



Technical Specifications: Solar BLDC Pump Set

MotorHP	1HP	2HP	3HP	5HP
Voltage	72V dc,EC,PWM	110V dc,EC,PWM	220V dc,EC,PWM	380V dc,EC,PWM
Current	8A	10A	10A	12A
Type	4P oleBLDCMot or, FullySS,IP68	4P oleBLDCMot or, FullySS,Ip68	4P oleBLDCMot or, FullySS,Ip68	4P oleBLDCMot or, FullySS,Ip68
Size	V4-WaterFilled	V4-WaterFilled	V4-WaterFilled	V4-WaterFilled
HeadinMtr	30 50 70 90	30 50 70 100	30 50 70 100	30 50 70 100
DischargeinLPM	45 33 24 18	150 90 65 35	200 130 90 60	350 240 150 90
Delivery	1.5" 1.25" 1.25"	2" 1.5" 1.25"	2" 1.5"	2.5" 2" 1.5"

Technical Specifications: Solar BLDC Pump Controller

MotorHP	1HP	2HP	3HP	5HP	7.5HP	10HP
SolarP anel Configuration	325W x3Nos. Allinseries	325W x6Nos. Allinseries	325W x10Nos. Allinseries	325W x15Nos. Allinseries	325W x24Nos. 12/122String	325W x30Nos. 15/152String
InputV oltage	120~150V dc	240~300V dc	360~450V dc	550~750V dc	450~550V dc	550~750V dc
MPPTV oltageR ange	80V~110V	180V~250V	250V~330V	480V~570V	340V~420V	480V~570V
OutputV oltage	0-72V,ECPWM 3Ph	0-110V,ECPWM 3Ph	0-22V,ECPWM 3Ph	0-380V,ECPWM 3Ph	0-320V,ECPWM 3Ph	0-380V,ECPWM 3Ph
OutputF requency	0~120Hz(V ariesasperSolarr adiation)or0~3600RPM					
Grid+SolarInput	No,OnlySolaroutput					
LEDDispla y	Yes,DisplaysLi vepar ameterlikeDCV olt,Mot orRPM,SolarP ower,DCC urrent,anyfaultife xist.					
RMS	OPTIONAL-WithRMSCar dcustomercanON-OFFPumpb ySMSAlso					
EnvironmentTemp.R ange	-10Ct o55C					
Humidity	5t o95%					
EnclosureT ype	IP54					
Protection	DryRun,LowR adiation,R everseP olarity,Ov erV oltage,Ov er flow TankOv erLoad,ShortCir cuit					

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* Pic & Spec can be changed without prior notice.