


SOLAR PUMP INVERTER



 **GPRS communication**
Optional

 **Compact and easy to**
Install

 **Key Type Control**

 **Big**
LCD Display



SIMPLER
Quick and easy
single person installation



GREAT RELIABILITY
IP67 Ingress Protection



DP CIRCUIT BREAKER
To prevent damage from
over current and short circuits

Support Motor: Asynchronous motor & PMSM(Permanent Magnet Synchronous Motor)

Anytime, Anywhere
Remote Monitoring Platform

SOLAR PUMP INVERTER TECHNICAL DATA (AS PER MONO PANELS)

Model No.	ME-4T0007G	ME-4T0015G	ME-4T0022G	ME-4T0037G	ME-4T0055G	ME-4T0075G
DC Side / Input Parameters						
Max DC Power (W)	1000	2400	3500	5400	7500	9000
Max DC voltage (Vdc)	< 225	< 300	< 450	< 500	< 900	< 900
MPPT voltage range (Vdc)	65~85	130~165	210~255	300~380	480~540	480~600
Max. input current (A)	15	15	15	15	15	15
Number of MPP trackers	1					
Strings per MPP tracker	1					
Output Parameters						
Nominal output power (W)	750	1500	2200	3700	5500	7500
Nominal output voltage/range (V)	50	110	160	260	380	480
Maximum output current (A)	12	15	15	15	15	17
Output frequency/range (Hz)	0Hz to 400Hz					
AC connection	Three phase					
MPPT efficiency	99.9%					
Control Mode	V/F & PMSM Sensorless mode					
Safety and Protection						
Overvoltage & Under voltage protection	YES					
Short circuit protection	YES					
Over current protection	YES					
Output Phase Lose	YES					
Pump Dry Run Protection	YES					
Water Level switch	YES					
Over Heat protection	YES					
Physical Specifications						
Dimension (L/W/H)	290/220/125			340/220/145		
Weight (kg)	<7			<13		
DC MCB	Optional					
Protection degree	IP67					
Operation temperature (°C)	-25 ~ +60					
Cooling concept	Natural Cooling					
Display	16x2 LCD					
Communication Interface	GPRS (optional)					

SOLAR PUMP INVERTER TECHNICAL DATA (AS PER POLY PANELS)

Model No.	ME-4T0007G	ME-4T0015G	ME-4T0022G	ME-4T0037G	ME-4T0007G	ME-4T0075G
DC Side / Input Parameters						
Max DC Power (W)	1000	2400	3500	5400	7500	9000
Max DC voltage (Vdc)	< 200	< 300	< 450	< 800	< 800	< 800
MPPT voltage range (Vdc)	65~85	160~220	250~310	420~500	380~440	460~520
Max. input current (A)	10	10	10	12	20	20
Number of MPP trackers	1			2		
Strings per MPP tracker	1			2		
Output Parameters						
Nominal output power (W)	750	1400	2200	3700	5500	7500
Nominal output voltage/range (V)	70	160	230	380	300	380
Maximum output current (A)	8	8	9	10	15	17
Output frequency/range (Hz)	0Hz to 400Hz					
AC connection	Three phase					
MPPT efficiency	99.9%					
Control Mode	V/F & PMSM Sensorless mode					
Safety and Protection						
Overvoltage & Under voltage protection	YES					
Short circuit protection	YES					
Over current protection	YES					
Output Phase Lose	YES					
Pump Dry Run Protection	YES					
Water Level switch	YES					
Over Heat protection	YES					
Dimension and Weight						
Dimension (L/W/H)	290/220/125			340/220/145		
Weight (kg)	<7			<13		
DC MCB	Optional					
Protection degree	IP67					
Operation temperature (°C)	-25 ~ +60					
Cooling concept	Natural Cooling					
Display	16x2 LCD					
Communication Interface	GPRS (optional)					



Harness the power of the
SUN



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