

Growatt WP750S / WP1500S / WP2200S
WP750T / WP1500T / WP2200T/WP3700T



Features

- ▶ Low start voltage
- ▶ Wide input voltage range
- ▶ Digital intelligent control can Flexibly adjust and set pump's speed range
- ▶ Soft start function, overvoltage, overcurrent, overload protection function etc
- ▶ One pump inverter can equip with multiple motors
- ▶ Bypass function, can support Utility power input and diesel engine input
- ▶ Optional water level detection module and diesel engine start/stop module integrated

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Datasheet	Single phase model			Three phase model			
	WP750S	WP1500S	WP2200S	WP750T	WP1500T	WP2200T	WP3700T

Input data (DC)							
Max DC Voltage	450V	450V	450V	800V	800V	800V	800V
Starting voltage	100V	100V	100V	150V	150V	150V	150V
Minimum working voltage	80V	80V	80V	110V	110V	110V	110V
MPPT Operating Voltage Range	80-390V	80-390V	80-390V	110-690V	110-690V	110-690V	110-690V
Number of MPPT	1	1	1	1	1	1	1
Max.DC Current	6.8A	10.9A	16.9A	4.0A	5.4A	8.8A	13.8A

Bypass input (AC)							
Input voltage	220/230/240(1PH)-15%+10%			380(3PH)-15%+10%			
Input frequency	47-63Hz			47-63Hz			
Input connect method	1P2L			3P3L			

Output (AC)							
Rated power	750W	1500W	2200W	750W	1500W	2200W	3700W
Rated current	4.2A	7.5A	11.5A	2.5A	4.2A	5.5A	8.5A
Output frequency	1Hz -400Hz	1Hz -400Hz	1Hz -400Hz	1Hz -400Hz	1Hz -400Hz	1Hz -400Hz	1Hz -400Hz
Output connect method	1P2L	1P2L	1P2L	3P3L	3P3L	3P3L	3P3L
AC output connection	connector	connector	connector	connector	connector	connector	connector

Performance							
Control mode	Motor control technology						
Type motor	Asynchronous machine						

Other Parameter							
Dimension (H x W x D)	88x163x147	88x163x147	119x163x183	88x163x147	88x163x147	119x163x183	119x163x183
Weight	1.3Kg	1.3Kg	2Kg	1.3Kg	1.3Kg	2Kg	2Kg
Protection	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Cooling	Fan Cooling	Fan Cooling	Fan Cooling	Fan Cooling	Fan Cooling	Fan Cooling	Fan Cooling
HMI	LED screen extend (not support LCD screen)	LED screen extend (not support LCD screen)	LED screen extend (not support LCD screen)	LED screen extend (not support LCD screen)	LED screen extend (not support LCD screen)	LED screen extend (not support LCD screen)	LED screen extend (not support LCD screen)

Communication							
External communication	RS485						
Communication connection	connector						

Working environment							
Ambient temperature	-10℃~40℃ (more than 40℃ derating)						
Working altitude	1000m (more than 1000m derating)						
Design life	8 years						
Warranty	18 months						

Recommended solar array configuration							
250Wp	4*1	8*1	11*1	4*1	8*1	11*1	14*1
300Wp	3*1	6*1	9*1	3*1	6*1	9*1	12*1

Certifications							
CE							