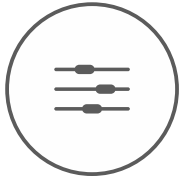


W1 SINGLE PHASE INVERTER

1 KW TO 3 KW

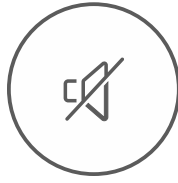
WAAREE®



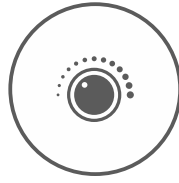
Power factor adjustable



Suitable for 3 to 9 panel system



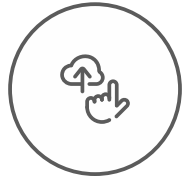
Less than 25 dB



Multiple-monitoring Method (Wi-Fi/GPRS, RS485)



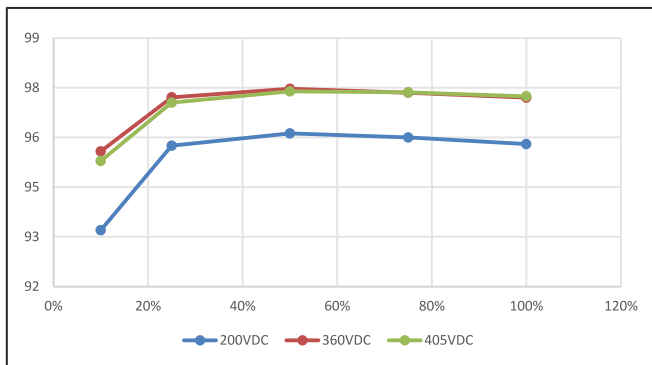
Export control



Integrated MOV-SPDs AC & DC side



EFFICIENCY CURVE



WiFi/GPRS solution for remote monitoring

Multiple user access

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* Images of product on collaterals/brochures/datasheet of WAAREE Energies Ltd.

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W1 SINGLE PHASE INVERTER

1 KW TO 3 KW



Waaree On Grid Inverters	W1 -1K G3	W1 -2K G3	W1 -3K G3	W1 -3.3K G3
PV String Input Data				
Recommended PV input power	1500Wp	3000Wp	4100Wp	4500Wp
Max. Input voltage	500V			550V
Start-up voltage	70V			
MPPT operating voltage range	50-500V		50-550V	
Full power MPPT voltage range	110-450V	200-450V	275-500V	300-500V
Max. Input current per MPPT	12A			
Maximum DC input short circuit current per MPPT	15A			
Number of MPPT / String per MPPT	1 / 1			
Input terminal type	Mc4 / H4			
Output (AC)				
Rated power	1100W	2200W	3000W	3300W
Max. AC power	1100VA	2200VA	3000VA	3300VA
Rated Output current	4.8A	9.6A	13A	14.3A
Max. Output current	5.3A	10.6A	14.5A	16A
Nominal grid voltage	L/N/PE, 220Vac, 230Vac, 240Vac			
Grid voltage range	180Vac-276Vac (According to local standard)			
Nominal frequency	50Hz / 60Hz			
Grid frequency range	45-55Hz / 54-66Hz (According to local standard)			
THDi	<3%			
Power factor	1 Default (Adjustable +/- 0.8)			
Power limit export	Zero export or adjustable power limit export			
Efficiency				
Max. Efficiency	97.50%	97.50%	97.70%	97.70%
European weighted efficiency	96.90%	96.90%	97.20%	97.20%
Protection				
Anti-Islanding protection	Yes			
DC reverse polarity protection	Yes			
Over temp protection	Yes			
Leakage current protection	Yes			
Over voltage protection	Yes			
Over current protection	Yes			
Earth fault protection	Yes			
SPD	MOV: Type III standard			
Communication				
Standard communication mode	Rs485, WiFi/GPRS (optional), USB			
General Data				
Topology	Transformerless			
Ambient temperature range	-30 ~ +60°C			
Allowable relative humidity range	0~100%			
Noise	<25 dB			
DC switch	Optional			
Cooling	Natural convection			
Max. Operating altitude	2000m			
Dimension[mm]	303*260.5*118	303*260.5*118	321*260.5*131.5	321*260.5*131.5
Support bracket	Wall-mounted			
Weight	5.5Kg	5.5Kg	6.3Kg	6.3Kg
Display	LCD + LED			
Degree of protection	IP65			
Warranty	5 Years			

For more details refer product's user manual. Get in touch with our sales team or partners for enquiry.
Email: Waaree@Waaree.com