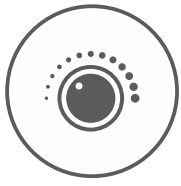


W1 SINGLE PHASE INVERTER

4 KW TO 6 KW

WAAREE®



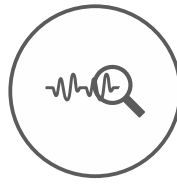
Wide MPPT Range



Maximum Efficiency
98%



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



Integrated
MOV - SPDs
AC & DC side



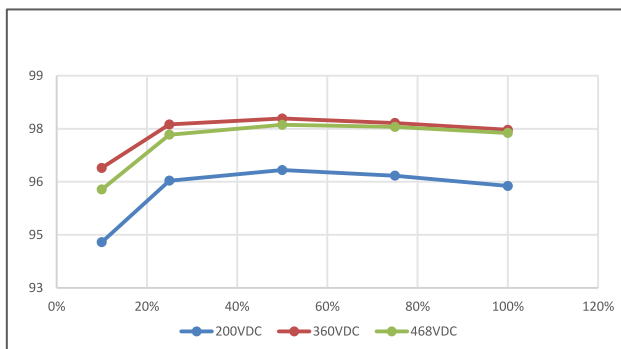
30% lighter than
similar products,
easy to install



IP 65 dust-proof
and water-proof



EFFICIENCY CURVE



WiFi/GPRS solution for remote monitoring

Multiple user access

*WAAREE Energies Ltd. shall not be held responsible or liable for any unauthorized or undue alteration, modification, improvisation, change in data, contents, representation on collateral/brochure/datasheet of WAAREE Energies Ltd.

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

www.waaree.com

W1 SINGLE PHASE INVERTER

4 KW TO 6 KW



Waaree On Grid Inverters	W1 -4K G3	W1 -4.5K G3	W1 -5K G3	W1 -6K G3
PV String Input Data				
Recommended PV input power	5320 Wp	6120 Wp	6650 Wp	7980 Wp
Max. DC Power for Single MPPT	3500Wp			
Start-up voltage	120V			
Rated input voltage	360V / 600V			
MPPT operating voltage range	90 - 580V			
Full power MPPT voltage range	200 - 520V	230 - 520V	250 - 520V	300 - 520V
Max. Input current per MPPT	11A / 11A			
Maximun DC input short circuit current per MPPT	13.2A			
Number of MPPT / String per MPPT	2 / 1			
Input terminal type	MC4			
Output (AC)				
Rated power	4000W	4600W	5000W	6000W
Max. AC power	4000VA	4600VA	5000VA	6000VA
Max. Output current	18.2A	21A	22.8A	27.3A
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	45Hz-55Hz/54Hz-66Hz (According to local standard)			
THDi	<3%			
Power factor	1 default (adjustable +/- 0.8) / 0 ~ 100%			
Power limit export	Zero export or adjustable power limit export			
Efficiency				
MPPT Efficiency	>99.9%			
Max. Efficiency	98.00%			
European weighted efficiency	97.50%			
Protection				
Anti-Islanding & RCMU protection	Yes			
DC reverse polarity protection	Yes			
Leakage current protection	Yes			
Over voltage & current protection	Yes			
Protection class	I / III			
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	-25 ~ +60°C			
Allowable relative humidity range	0~100%			
Noise	<25 dB			
DC switch	Optional			
Cooling	Natural convection			
Max. Operating altitude	2000m			
Dimension[mm]	405*315*135mm			
Support bracket	Wall-mounted			
Weight	11.5 Kg			
Display	LCD			
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