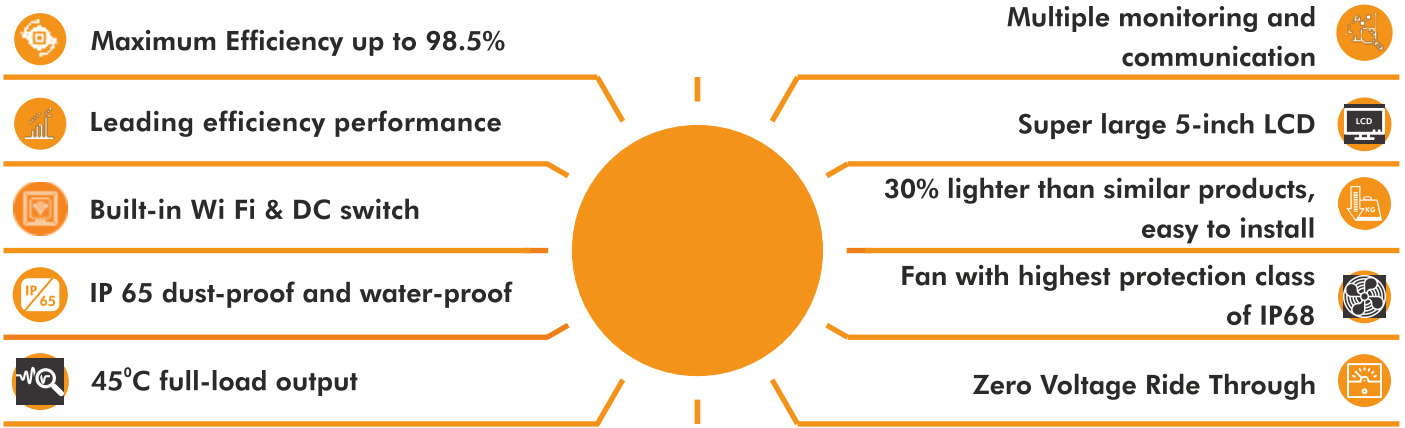
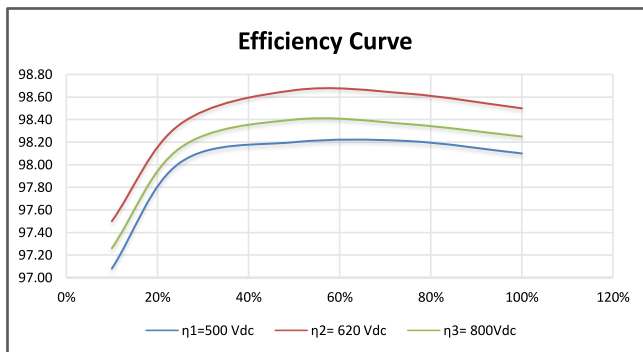


W3 THREE PHASE INVERTER

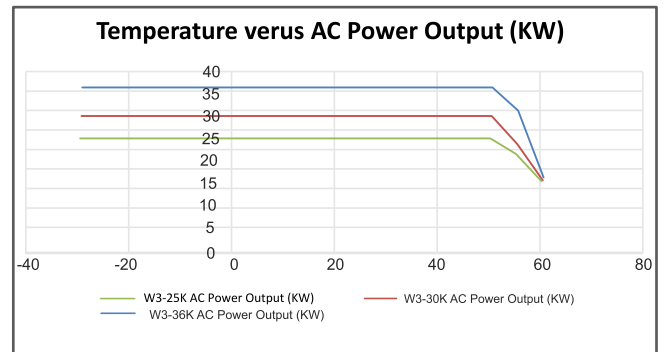
25 kW & 36 kW



Model : W3-25 kW To 36 kW



Use Efficiency & Temperature curve of W3-25 kW To 36 kW



Integrated WiFi Solution
multiple user access and mobile Apps



Waaree Energies Ltd. 602, Western Edge- I
Off. Western Express Highway, Borivali(East)
Mumbai - 400066, Maharashtra, India



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W3 THREE PHASE INVERTER

25kW & 36kW



Technical Data	W3 - 25 K	W3 - 30 K	W3-36 K
PV String Input Data			
Max. DC Input Power (W)	32500	39000	42900
Max. DC Input Voltage (V)		1100	
MPPT Range (V)		200~950	
Start-up Voltage (V)		180	
MPPT Range for Full Load (V)		460~860	
Nominal DC Input Voltage (V)		600	
Max. Input Current (A)		25/25/25	
Max. Short Current (A)		31.3/31.3/31.3	
No. of MPP Trackers		3	
No. of Input Strings per Tracker			
AC Output Data			
Nominal Output Power (W)	25000	30000	36000
Max. Output Apparent Power (VA)		27500	
Max. Output Power (W)		27500	
Nominal Output Voltage (V)		380/400, 3L/N/PE or 3L/PE	
Nominal Output Frequency (Hz)		50/60	
Max. Output Current (A)	40	48	53.3
Output Power Factor	~1 (Adjustable from 0.8 leading to 0.8 lagging)		
Output THDi (@Nominal Output)	<3%		
Efficiency			
Max. Efficiency	98.70%	98.80%	98.80%
Euro Efficiency	98.50%	98.50%	98.50%
Protection			
Anti-islanding Protection		Integrated	
Input Reverse Polarity Protection		Integrated	
Array String Fault Monitoring		Integrated	
Insulation Resistor Detection		Integrated	
PV Module Anti-PID		Optional	
DC SPD		Optional (Type II)	
AC SPD		Optional (Type II)	
Residual Current Monitoring Unit		Integrated	
Output Over Current Protection		Integrated	
Output Short Protection		Integrated	
Output Over Voltage Protection		Integrated	
General Data			
Operating Temperature Range (°C)		-30~60	
Relative Humidity		0~100%	
Operating Altitude (m)		≤4000	
Cooling		Smart Cooling	
Noise (dB)		45	
User Interface		LCD & LED / LED + WiFi APP	
Communication		RS485 / WiFi / GPRS / PLC	
Weight (kg)		40	
Size (Width*Height*Depth mm)		480*590*230	
Protection Degree		IP65	
Night Self Consumption (W)		<1	
Topology		Transformerless	
Certifications & Standards			
Grid Regulation		AS4777.2/VDE0126-1-1/VDE-AR-N 4105	
Safety Regulation		IEC62109-1&2	
EMC		EN 61000-6-1/EN 61000-6-2/EN 61000-6-3,EN 61000-6-4	

**Refer To Waaree's Warranty Document For Terms & Conditions
 *The Specifications Are For The References Purpose Only.
 Waaree Reserves The Right To Change The Specifications Without Prior Notice.

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