

ZALMI IP54 INVERTERS

Smart Energy. Reliable Power.

Powering Homes, Businesses
& a Sustainable Future.

HIGH
EFFICIENCY

MAXIMUM
PROTECTION

ADVANCED
TECHNOLOGY

RELIABLE
SUPPORT



5 KW PV9000



6 KW PV9000



8 KW PV15000



12 KW PV15000



PURE SINE WAVE
CLEAN & STABLE
POWER



WIDE PV INPUT
HIGH SOLAR
COMPATIBILITY



SMART BATTERY
MANAGEMENT
LONGER LIFE



WIFI CONNECTIVITY
MONITOR & CONTROL
ANYWHERE



MULTIPLE WORKING
MODES
MORE FLEXIBILITY

Technical Specification



Technical Data	Zalmi 5KW		Zalmi 6KW		Zalmi 8KW		Zalmi 12KW	
PV Input Data								
Max. PV Input Power(W)	9000		9000		2×7500W		2×7500W	
Max. PV Input Voltage(V)	500		500		500		500	
MPPT Voltage Range(V)					60-450			
Max. Current per MPPT (A)	27A		27A		27A		27A	
Number of MPP Trackers	1		1		2		2	
AC Output Data								
Rated AC Output Power (W)	5000		6000		8000		12000	
Rated Output Current(A)	21.73		26.08		52.2		52.2	
Peak Output Power , Time	60S@ 102%-125% Load		60S@ 102%-120% Load		60S@ 102%-125% Load		60S@ 102%-125% Load	
	10S@> 125% Load		10S@> 120% Load		10S@> 125% Load		10S@> 125% Load	
Rated voltage			220/230/240VAC					
Rated Frequency			50/60Hz					
Switch Time(ms)			10mS (@UPS)					
Output Voltage Waveform			Pure Sine Wave					
Max Efficiency			0.98					
AC Input Data								
Rated voltage			220/ 230/ 240V					
			220/ 230/ 240VAC					
Voltage range(V)			90-280VAC±3V (Normal mode)		170-280VAC±3V (UPS mode)			
Input Type			L+N+PE					
Rated Frequency			50/ 60Hz					
Feed in grid Current(A)	26.9		47.8					
Battery Input Data								
Battery Type			Lithium, Lead-acid					
Battery Voltage (V)	24		48		48		48	
Max. Charging Current (A)	160		120		160		160	
Floate								
ChargingVoltage(V)	27		54		54		54	
Protection								
Integration	Over Current Protection/ Over and under Voltage Protection//Output Short Circuit Protection/Over-temperature protection/Over and under Frequency Protection/Surge Protection							
General Data								
Display			LCD					
Operating Temperature Range			-10~60°C					
Dimension (W x H x D) (mm)	490*380*113		490*380*113		550*410*130		550*410*130	
Weight(kg)	11.7		12.4		20		20	
Installation method			Wall-mounted					
Relative Humidity			5% ~ 95% (Non-condensing)					
Max. Operating Altitude(m)			Derating over 1000m,Max 4000m, Refer to IEC62040					
Protection Degree			IP54					
Communication Standard			RS232,WI-FI,RS485					
			IEC61683,IEC61000,IEC 62109-1/2					