

# E-Solar

VW-CI

Off-Grid Inverter

Model: VW-CI		102048	152048		202048		302048	
Output Power (W)		1000	1500		2000		3000	
Rated Dc voltage (V)		48						
Line Input	Input Voltage	160 to 265 VAC						
	Charge Current	15 A	20 A					
Inverter output	Output voltage	220 VAC $\pm$ 5%						
	Output frequency	50 Hz $\pm$ 1%						
	Wave form	Pure Sine Wave, THD <4% (Full Load)						
Solar Input	Maximum voltage (V)	84						
	Number of inputs	S1	S1	S2	S1	S2	S1	S2
	Rated power (W)	1000	750	750	1000	1000	1500	1500
	Charge current (A)	20	30		40		60	
Battery	Over-charge protective voltage (V)	58						
	Over-charge recover Voltage (V)	56						
	Constant charge voltage (V)	54.4						
	Over Discharge alarm voltage (V)	44						
Others	Voltage drop between solar module and battery (V)	$\leq$ 0.3V						
	Voltage drop between loads and battery (V)	$\leq$ 0.15V						
	Environment humidity	0% to 90% Relative Humidity (Non-condensing)						
	Protective functions	Protection against anti-charge at night, Battery over-charge / over-discharge protection, Joint-reversed of solar modules.						
	Control method	MPPT	PWM					
Size: L*W*H (mm)		445*200*260	470*230*490		470*230*490		450*220*570	
Package: L*W*H (mm)		540*315*360	560*310*620		560*310*620		540*290*680	
N.W / G.W (Kg)		16.5 / 18.4	30.6/38.1		30.6 / 38.1		40 / 48	

# E-Solar

VW-CI

Off-Grid Inverter

Model: VW-CI		402096		502096		602096		802096		103096	
Output Power (W)		4000		5000		6000		8000		10000	
Rated Dc voltage (V)		96									
Line Input	Input Voltage	160 to 265 VAC									
	Charge Current	20 A									
Inverter output	Output voltage	220 VAC $\pm$ 5%									
	Output frequency	50 Hz $\pm$ 1%									
	Wave form	Pure Sine Wave, THD <4% (Full Load)									
Solar Input	Maximum voltage (V)	168									
	Number of inputs	S1	S2	S1	S2	S1	S2	S1	S2	S1	S2
	Rated power (W)	2000	2000	3000	3000	3000	3000	4000	4000	5000	5000
	Charge current (A)	40		60		60		80		80	
Battery	Over-charge protective voltage (V)	116									
	Over-charge recover Voltage (V)	112									
	Constant charge voltage (V)	108.8									
	Over Discharge alarm voltage (V)	88									
Others	Voltage drop between solar module and battery (V)	$\leq$ 0.3V									
	Voltage drop between loads and battery (V)	$\leq$ 0.15V									
	Environment humidity	0% to 90% Relative Humidity (Non-condensing)									
	Protective functions	Protection against anti-charge at night, Battery over-charge / over-discharge protection, Joint-reversed of solar modules.									
	Control method	PWM									
Size: L*W*H (mm)		450*220*570				655*280*690					
Package: L*W*H (mm)		540*290*680				780*400*870					
N.W / G.W (Kg)		40 / 54.5		49 / 58		68 / 76		75 / 83		82 / 90	