

**Products instruction**

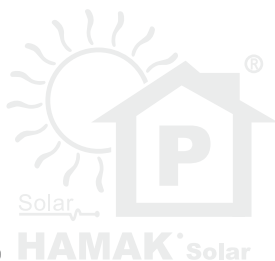
- Pure Sine Wave output.
- Built-in MPP Tracker.
- Supporting DC/AC power output.
- Built-in Automatic Transfer Switch(ATS).
- LED indicators for battery status.
- "Plug & Play" installation .



Serial No.	HA-WCB		
Model no.	HA-WCB1K24	HA-WCB2K48	HA-WCB3K48
Battery normal voltage/Capacity	24V/100AH	48V/100AH	48V/200AH
PV voltage range	30~150Vdc	60~150Vdc	60~150Vdc
MPP voltage range	30~120Vdc	60~120Vdc	60~120Vdc
Max. PV input current	60A	60A	60A
Max. PV input power	1200W	2400W	3000W
Max. AC output power	1000W	2000W	3000W
Operating time at AC full power	1.5Hours	1.5Hours	2Hours
Max. DC output power	240W	480W	480W
Operating time at DC full power	6.5Hours	6.5Hours	13Hours
AC output voltage*	110/220Vac	110/220Vac	110/220Vac
AC output frequency*	50/60Hz	50/60Hz	50/60Hz
DC output voltage	24Vdc	48Vdc	
BAT. low shut-down voltage	22.5Vdc	45Vdc	
Floating charge voltage	28Vdc	56Vdc	
ATS ON voltage	22.5Vdc	45Vdc	
ATS OFF voltage	24Vdc	48Vdc	
Protection	Battery reverse polarity/Battery over discharge/Overload/Short circuit		
Operation temp.	0~40°C		
Storage voltage	-20~50°C		
Weather rating	IP44		
Weight w/o battery	43Kg	63Kg	
Battery weight	63Kg	126Kg	264Kg
Dimension (WxHxD)	520×690×500mm	520×950×620mm	

\*Factory default value

- All specifications are subject to change without prior notice.  
Please contact with us for updated information



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