

(High-end type)

WIND AND SOLAR HYBRID CONTROLLER

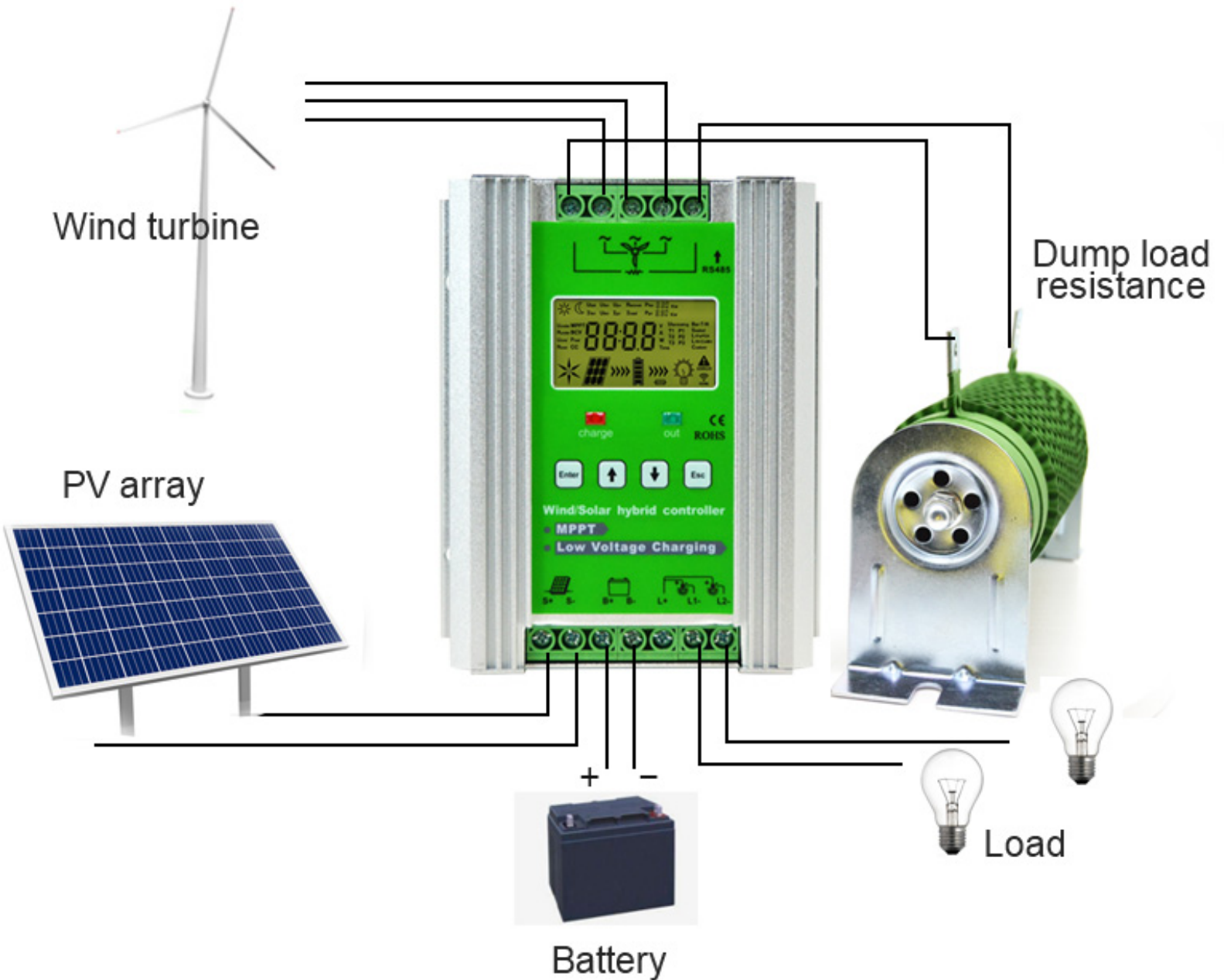
Large-size LCD display, universal for lead-acid lithium batteries



EQUIPMENT PARAMETERS

Model	JW-MPPT-12-W300/S300	JW-MPPT-12-W500/S500	JW-MPPT-24-W300/S300	JW-MPPT-24-W500/S500	JW-MPPT-24-W600/S600	JW-MPPT-24-W800/S800
Battery system voltage level(V)	12V		24V			
Maximum open circuit voltage for PV arrays(V)	27.6V		55.2V			
Maximum open circuit recovery voltage for PV arrays(V)	26.4V		52.8V			
Minimum operating voltage for PV arrays	>Vbat+1V		>Vbat+1V			
PV rated current level (A)	25	40	13	21	25	33
PV module power(W)	≤300	≤500	≤300	≤500	≤600	≤800
Fan rated voltage level(V)	12V		24V			
Maximum open circuit voltage for turbine (V)	25.6V		51.2V			
Wind turbine rated current(A)	25	40	13	21	25	33
Wind turbine power(W)	≤300	≤500	≤300	≤500	≤600	≤800
Charge Limit Voltage(V)	Vbat>BCV+0.4V					
System identification voltage range(V)	DC9V~DC16V		DC18V~DC32V			
DC load output rated current(A) (LOAD1+LOAD2)	≤30 (Single maximum 15A)					
Transfer efficiency	> 98%					
PV charging method	Three-stage : Constant current-boost charge-float charge					
Fan charging mode	Three-stage: MPPT charge-lift charge-float charge					
Battery type	Lead-acid cell 、 Gel battery、 LiFePo4、 Ternary lithium、 custom					
Working environment	-25°C ~ +55°C					
Storage temperature	-30°C ~ +70°C					
Protection level	IP21					
Humidity	10% ~ 90% No condensation					

CONTROLLER INSTALLATION



LCD INDICATION AND SETTING

Large LCD screen / Humanized operation button / Various load control modes

