

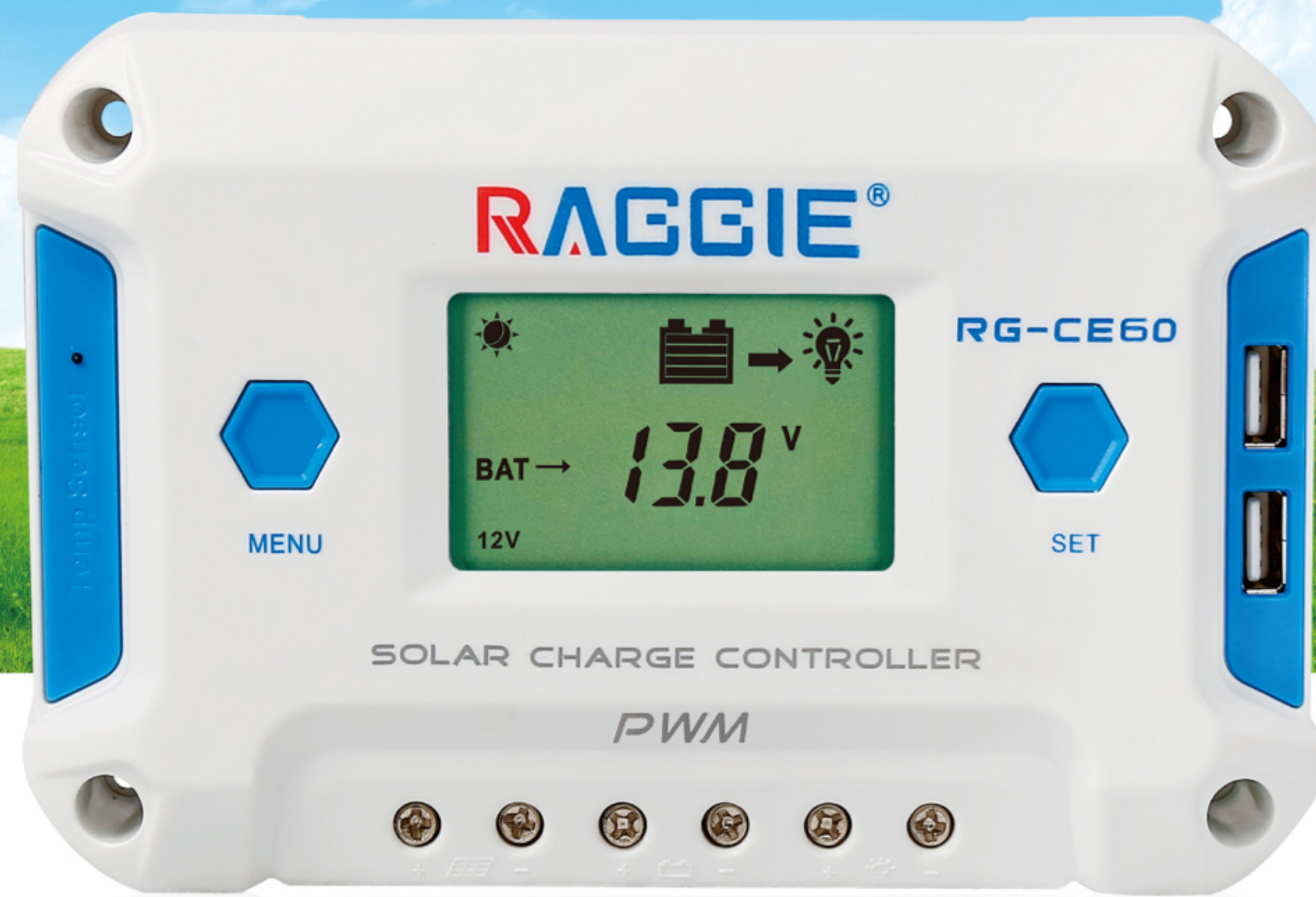
# SOLAR CHARGE CONTROLLER

SPECIALIZED FOR SOLAR PV POWER SYSTEM



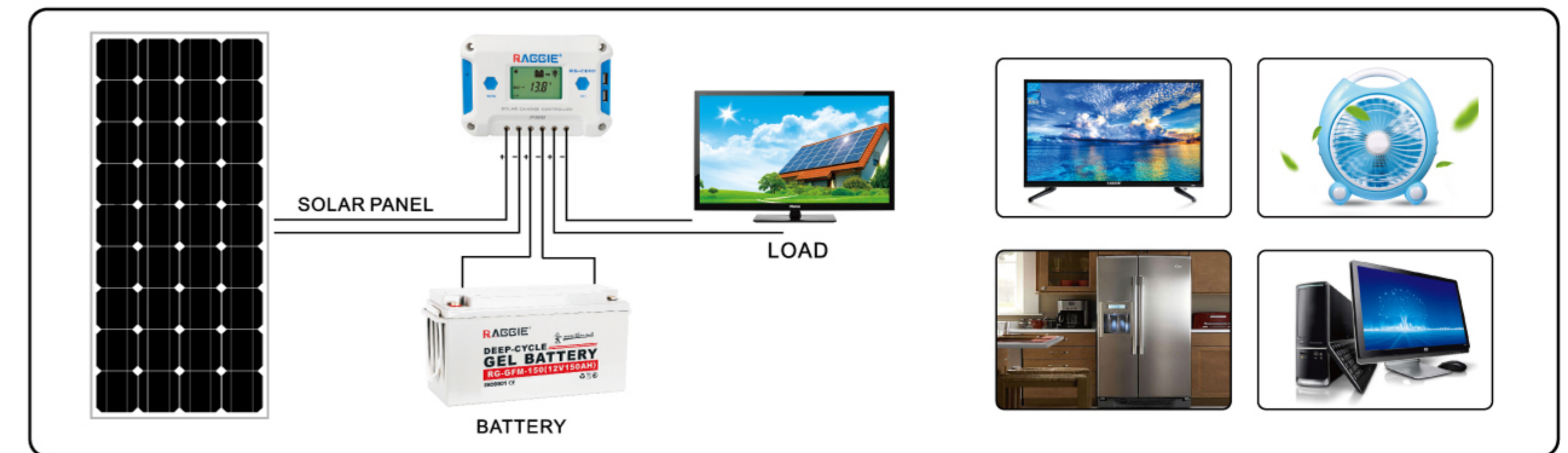
PWM

RG-CE SERIES



### FEATURES

- High efficiency intelligent PWM 3-stage charging
- The load control mode can be selected
- Accurate temperature compensation
- Programmable technical data
- Polarity reverse protection
- High quality ST chips assured long life span
- Double USB design
- Lithium battery support optional (10A-20A CONTROLLER)



Model	RG-CE10A	RG-CE20A	RG-CE30A	RG-CE40A	RG-CE50A	RG-CE60A
Crrnt	10A	20A	30A	40A	50A	60A
Voltage	12V/24V					
Max. PV Voc	55V		55V/100V			
Self-consumption	≤12mA					
Battery type	Usr(Default)/Sealed/Gel/Flooded					
	Temperature compensation coefficient -4mV/°C/2V (25°C)					
Max. discharge	10A	20A	30A	40A	50A	60A
LVD	11V adjustable 9V-12V (24Vx2;48Vx4)					
LVR	12.6V adjustable 11V-13.5V (24Vx2;48Vx4)					
Float Voltage	13.8V adjustable 13V-15V (24Vx2;48Vx4)					
Boost charging	14.4V (24Vx2;48Vx4), <12V start boost charging 2hours					
	Charge circuit drop ≤ 0.25V					
	Discharge circuit drop ≤ 0.12V					
OVPvolt	16.5V over voltage protection (24Vx2;48Vx4)					
Reverse	With reverse connection protection					
OCPcurrent	Every two minutes restart one time for over current protection					
Charge type	Pulse Width Modification (PWM)					
	Temperature Compensation -24mV/°C for 12V system (24Vx2;48Vx4)					
	Working Temperature -20°C ~ +55°C					
	Related humidity ≤ 90%N.C.					
	Enclosure IP30					
	Grounding Common Positive					
Dimension(mm)	161*102*36		182*117*43		200*127*55	
Color box size(mm)	176*110*41		197*125*48		218*130*60	
Packing size(cm)	56.5*36.5*22cm/50pcs		50*41*27cm/40pcs		67*31.5*28cm/30pcs	
Gross weight	21.2kg		22kg		20.5kg	