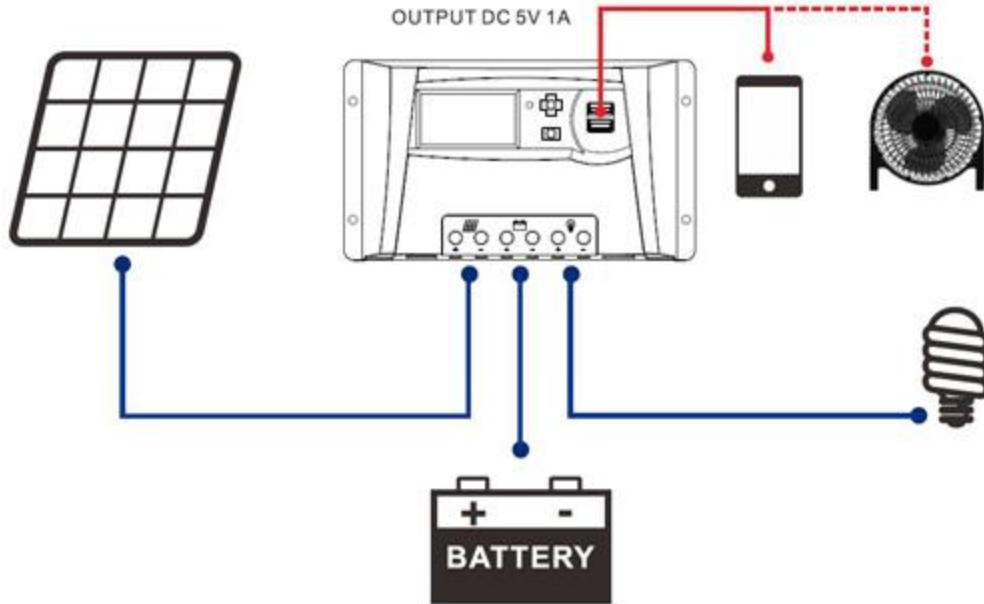


Technical Data

Model	SK20DU	SK2048D
Input		
PV input voltage	≤50V	≤100V
Rated charge current	20A	
Output		
System voltage	12V/24V Auto	48V
Battery over-voltage protection voltage	16.00V×1/×2/×3/×4	
Rated discharge current	20A	
Self-consumption	≤13mA	≤16mA
Charge loop voltage drop	≤0.21V	
Discharge loop voltage drop	≤ 0.1V	
Charging mode	PWM 4 stages (bulk, absorption,float,equalized)	
Float Charge Voltage	13.8(13V~15V)×1/×2/×3/×4	
Absorption charge voltage	14.4V(13V~15V) ×1/×2/×3/×4	
Duration of Absorption Charge	2h	
Voltage of equalized charging *	14.6V(13V~15.5V) ×1/×2/×3/×4	
Duration of equalized charging	2h	
Low voltage disconnection	10.8V(10V~14V) ×1/×2/×3/×4	
Low voltage reconnection	12.6V(10V~14V) ×1/×2/×3/×4	
Load working mode	Regular control mode,Light control with switch-off point at night and switch-on point before dawn,Light control mode	
Light control voltage	5V(1V~10V) ×1/×2/×3/×4	
Battery type	GEL,SLD,FLD	
	USr (default)	
USB□	5V 1A	None
Other		
Interface	LCD,2 buttons	
Wiring	PCB terminal, ≤10mm ²	
Working temperature	-20 ~ +55 °C	
Storage temperature	-30 ~ +65 °C	

Working humidity	10% ~ 90%, no condensation	
Dimension	178x101.5 x45.5mm	
Weight	290g	310g
IP code	IP30	
Optional function	Remote communication , TTL, standard ModBus protocol	



ALOKOZIA Ltd

WWW.ALOKOZIA.COM