



Ningbo Kosun New Energy Co.,Ltd

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Model	KS10A	KS20A	KS30A	KS40A	KS50A	KS60A
System Voltage	12V / 24V					
Max. Input Voltage of solar panel	55V					
Self-consumption	≤12mA					
Max. charge current	10A	20A	30A	40A	50A	60A
Max. discharge current	10A	20A	30A	40A	50A	60A
LVD	11.0V ADJ 9V...12V / 22.0V ADJ 18V...24V					
LVR	12.6V ADJ 11V...13.5V / 25.2V ADJ 22V...27V					
Float Voltage	13.8V ADJ 13V...15V / 27.6V ADJ 26V...30V					
Boost charging	14.4V / 28.8V					
battery chargeing	Battery Voltage less than 12V / 24V start boost charging 2 hours					
Battery Over Voltage Protection	16.5V / 33V					
ReverseConnection Protection	yes					
Load Over Current Protection	Yes, each two minutes restart once					
Charge Type	PWM					
Temperature Compensation	-24 mV / °C for 12V system					
Working Temperature	-20°C---+55°C					
Terminal Scale	28—10 AWG	28—10 AWG	14—6 AWG	14—6 AWG	14—6 AWG	14—6 AWG
Waterproof grade	IP32					
Dimension(mm)	168*92*41.5	168*92*41.5	190*108*41.5	190*108*41.5	200*125*50	200*125*50
Net Weight	320g	320g	380g	380g	740g	740g
PCS/CTN	40 PCS	40 PCS	30 PCS	30 PCS	24 PCS	24 PCS