



5. DATA SHEET

model parameter	CM3024Z	model parameter	CM3024Z
rated working voltage	12V/24V	installable maximum cable	7# AWG (16mm ²)
rated working current	30A	working temperature	-10°C~60°C
voltage of solar panels	≤50V	storage temperature	-30°C~70°C
float charging voltage (settable)	13.8V/27.6 V	temperature requirement	≤90%, no condensation
low voltage protection (settable)	10.7V/21.4 V	dimension	90 mm×188 mm×48 mm
low voltage recovery (settable)	12.5V/25.0 V	distance of installation holes	60 mm×178 mm -Φ5
no load loss	≤30mA	weight	360g
loop voltage drop	≤170mV		
charging mode	PWM mode		
temperature compensation	-4mV/Cell/°C		
note	Model with Z indicates the product can distinguish the voltage automatically. Model with T indicates the product is equipped with remote monitoring function.		