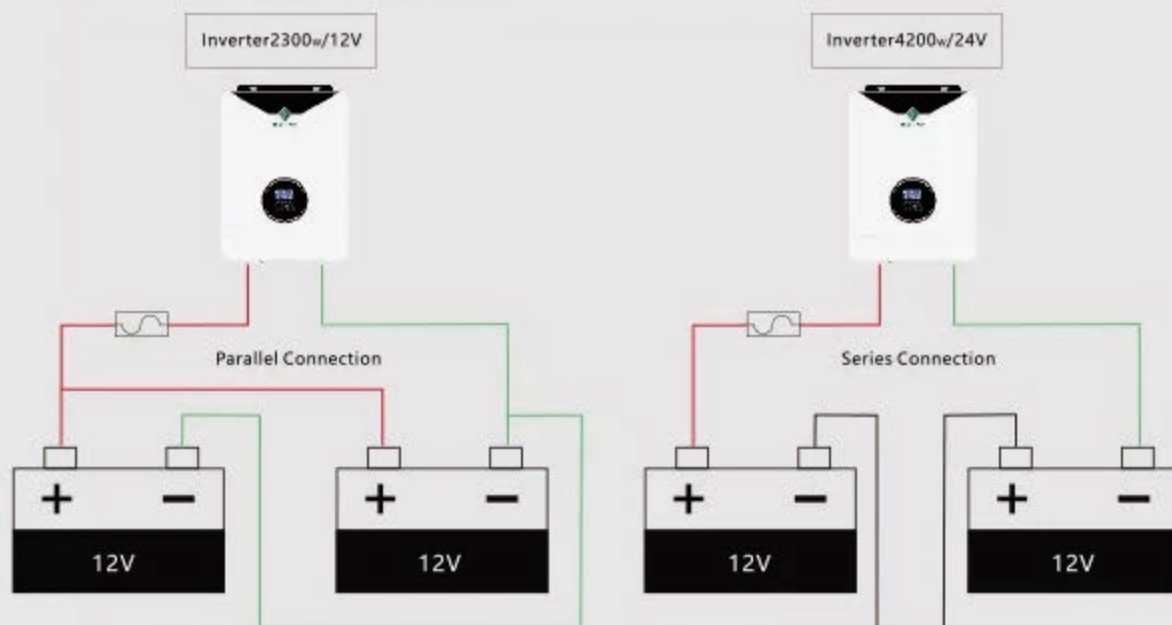


This diagram is telling what “dual use on one inverter”is

EP4200H is working at 2 voltages and carrying different loads



Freely match 12VDC or 24VDC according to user needs(The maximum load is 2300w for 12V battery can carry, and the maximum load is 4200w for 24V battery can carry)

MODEL	EP-4200H	
Battery Voltage	12V	24V
Rated output power	2300VA/2300W	4200VA/4200W
Input	230VAC	
Voltage	170~280VAC(For Personal Computers)	
Selectable Voltage Range	90~280VAC(For Home Appliances)	
Frequency Range	50Hz/60Hz(Auto Sensing)	
OUTPUT		
AC Voltage Regulation (Batt.Mode)	230VAC±5%	
Surge Power	4600W	8400W
Efficiency(peak)Battery to INV	94%	
Transfer Time	10ms(For Personal Computers);20ms(For Home Appliances)	
BATTERY&AC CHARGE		
Battery Voltage	12V	24V
Floating Charge Voltage	13.5V	27VDC
Overcharge Protection	16 Vdc	32Vdc
Maximum Charge Current	100A	
SOLAR CHARGE		
Maximum PV Array Power	4000W	
MPPT Range @ Operating Voltage	55~500VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charge Current	100A	
PHYSICAL		
Dimension D*W*H(mm)	405*305*108	
Net Weight(kgs)	6.7	
Communication interface	RS485/RS232 BMS/WIFI Bluetooth	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-20℃ ~ 55℃	
Storage Temperature	-20℃ ~ 60℃	