Solar wiring diagram for 12V system (in parallel)

12V / 100Ah

12V

Charge controller

120–230V DC to AC inverter

12V / 100Ah

120–240V AC load

On

Off

On

Off

On

Off

12V input

UPS/Inverter output 120V – 230V AC

12VDC load

DC output

12V input

AC output

120–230V DC to AC inverter