

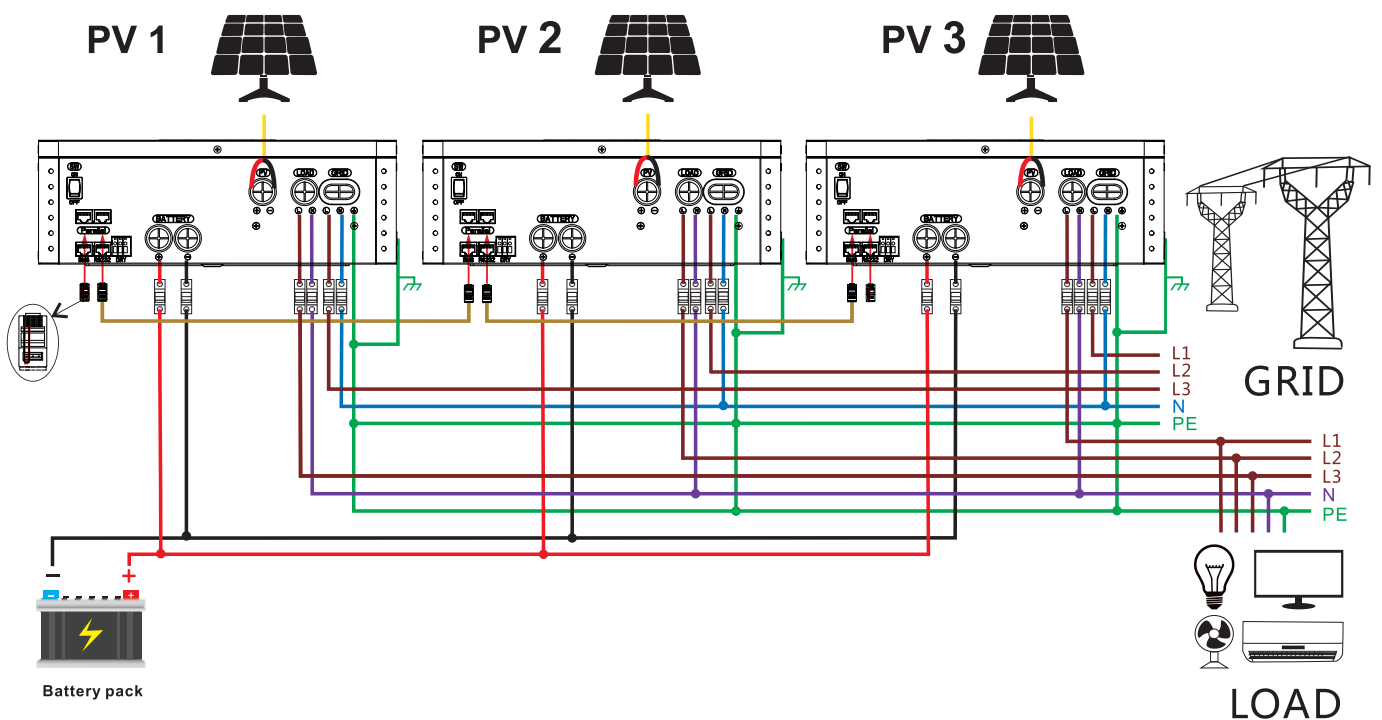
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RAGNAR SERIES IP54

Three Phase Parallel connection diagram for three inverters in parallel for 6kw



Parallel UP to 12 units , Wifi , BMS and 30 Months Warranty

TECHNICAL SPECIFICATION



Model	GI-R24-4KW-GO	GI-R48-6KW-GO	GI-R48-12KW-GO
Rated Output Power	4000VA	6000VA	12000VA
	4000W	6000W	12000W
Nominal DC Input Voltage	24V	48V	48V
Input Voltage Waveform	Sinusoidal utility of generator)		
Nominal Input Voltage	230Vac		
Low Line Voltage Disconnect	90Vac±3V(For Home Appliances) 170Vac±3V(For Computers)		
Low Loss Voltage Re-connect	100Vac±3V(For Home Appliances) 180Vac±3V(For Computers)		
High Line Voltage Re-connect	270Vac+3V		
Max AC Input Voltage	280Vac+3V		
Nominal Input Frequency	50Hz/60Hz(Auto detection)		
Low Line Frequency Disconnect	40±1Hz		
Low Line Frequency Re-connect	42±1Hz		
High Line Frequency Disconnect	65±1Hz		
High Line Frequency Re-connect	63±1Hz		
Output Voltage Waveform	As same as input waveform		
Output Short Circuit Protection	Line mode: Circuit Breaker Battery mode: Electronic Circuits		
Efficiency (Line Mode)	>95% (Rated R load, battery full charged)		
Transfer Time (Single Unit)	10ms typical (UPS); 20ms typical (Appliances)		
Transfer Time (Parallel)	50ms typical		
Pass Through Without Battery	Yes		
Max . Bypass Overload Current	28A	40A	70A
Max . Bypass Input Current	28A	50A	90A
Max . Inverter/ Rectifier Current	18.2A/4000W	27.3A/6000W	50A/12000W
Solar Charging & Grid Charging			
Max. PV Open Circuit Voltage	500V		
PV Voltage Range	85V-450V		
Max. Input Power	4000W	6000W	12000W
Max. Solar Charging Current	120A	120A	210A
Max. Charging Current (PV+Grid)	120A	120A	210A
Max. Input Current	15A	27A	27A
Min. Startup Voltage	80V		



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