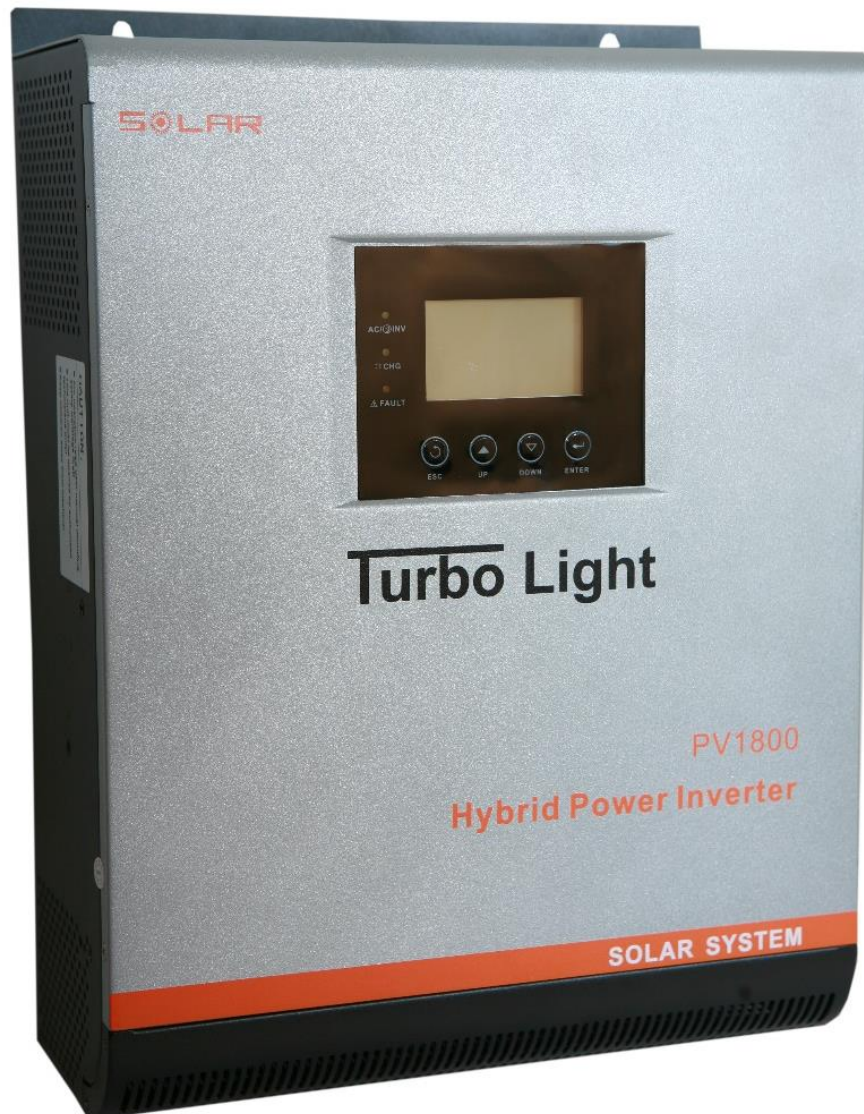


HIGH FREQUENCY SOLAR INVERTER PV1800



Technical specifications

- Multi-function inverter charger, combined inverter and charger
- Pure sine wave inverter
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible with commercial power or generator
- Parallel operation with up to 4 units(only for 4K model)
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charging design to optimize battery performance
- Cold start function

MODEL		PV18-3K	PV18-4K
Default Battery System Voltage		24VDC	48VDC
INVERTER OUTPUT	Rated power	3000VA	4000VA
		2400W	3200W
	Surge power	6000VA	8000VA
	Waveform	Pure sine wave	
	AC voltage regulation	230VAC +/-5% (battery mode)	
	Inverter efficiency (Peak)	93%	
Transfer time		10ms (for personal pc) / 20ms(for home appliances)	
AC INPUT	Voltage	230VAC	
	Selectable voltage range	170~280VAC(for pc) / 90~280VAC(for appliances)	
	Frequency range	50Hz/60Hz (auto sensing)	
BATTERY	Nominal voltage	24VDC	48VDC
	Floating charge voltage	27VDC	54VDC
	Overcharge protection	30VDC	60VDC
SOLAR CHARGER & AC CHARGER	Max PV array open circuit voltage	60VDC	105VDC
	Standby power consumption	2W	
	Max solar charge current	50A	
	Max AC charge current	20A or 30A	60A
MECHANICAL SPECIFICATION	Max charge current	50A	110A
	Dimension W*H*D (mm)	272*355*100mm	297.5*468*125mm
OTHER	Net weight (Kg)	6.9	9.8
	Humidity	5% to 95% relative humidity (non-condensing)	
	Operating temperature	0°C to 55°C	
	Storage temperature	-15°C to 60°C	

Back Panel

