

MPPT

Main Features



1.MPPT technology, raise the charging efficiency by 15% to 20% compared with the conventional PWM method.

2.LED fault indicators and an LCD screen which can display abnormality information help users to quickly identify system faults.

3.Support different types of batteries including gel batteries, sealed batteries, open batteries, lithium batteries, etc.

4.Bluetooth technology: use an Android cell phone, to check the system running status(can keep 30 days data at max.), and can control the on/off of the load.

5.TVS lighting protection.



MOBILE PHOTOVOLTAIC POWER SUPPLY SYSTEM

DIGITAL POWER TECHNOLOGY
CONVERSION EFFICIENCY OF ENERGY IS OVER

98%

Model	ML2420	ML2430	ML2440	ML4830	4860
Rated charging current	20A	30A	40A	30A	60A
System Voltage	12V/24V			12V/24V/36V/48V	
MPPT tracking efficiency	> 99%			> 99%	
Max. solar input voltage	100V (25°C), 90V (-25°C)			<150V	
Max. input power of solar panel	260W/12V 520W/24V	400W/12V 800W/24V	520W/12V 1100W/24V	400W/12V ; 800W/24V 1200W/36V ; 1600W/48V	800W/12V ; 1600W/24V ; 2400W/36V ; 3200W/48V