Smart AC-DC Battery Charger

AC1230Pro: 12V,30A
AC2415Pro: 24V,15A
AC4810Pro: 48V,10A

OLYS





Function

- Four stage charging mode: Pre charging, Bulk, Boost, Float
- 3 charging current options: normal mode, Low current mode , Night mode
- DC power supply function, Without battery connection, it can directly output DC power to supply electrical appliances
- 8 type of batteries can be selected, including Lead-acid battery, LiFePO4, Lithium-ion
- Temperature compensation function
- Lithium battery 0V charging activation function
- Protection: short circuit, reverse connection, over temperature, over current
- external Bluetooth module(BT10), mobile phone app monitoring charging parameters
- external display(MT-2)
- complete aluminum alloy shell
- certification: CE, ROHS, ISO

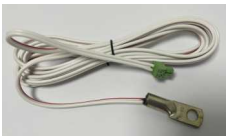
Accessories



Meter(MT-2)



Bluetooth Dongle(BT10)



Temperature Sensor(RTS-AC)

Model

Model	Input	Rated voltage of battery	Normal mode current	Low current mode	Night mode
AC1230Pro	AC180-260V/50Hz	12V	30A	15A	10A
AC2415Pro	AC180-260V/50Hz	24V	15A	7.5A	5A
AC4810Pro	AC180-260V/50Hz	48V	10A	6A	3A

Battery type & 0℃charging function

4Pin DIP Switch



Lithium battery 0 ℃ charging function

1	0℃ charge
↑	NO
↓	YES

Battery Selection

Battery type	2	3	4
GEL (14. 3V)	↑	↑	↑
Lead-acid (14. 4V)	↑	↑	↓
AGM (14. 7V)	↑	↓	↑
LiFePO4(13.9V)	↑	↓	↓
LiFePO4(14.2V)	↓	↑	↑
LiFePO4(14.4V)	↓	↑	↓
LiFePO4(14.6V)	↓	↓	↑
Li-ion(12. 6V)	↓	↓	↓

Remarks:24V battery, value * 2, 48V battery, value

APP Function(optional)



After plug in the bluetooth module, you could read the charging data from App
(App name: charger connect)



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Technical specifications

Model	AC1230Pro	AC2415Pro	AC4810Pro
Input voltage and frequency range	180V-260VAC, 50Hz		
Efficiency	>90%		
Battery voltage	12V	24V	48V
Max.output current-Normal mode	30A	15A	10A
Max.output current-low current mode	15A	7.5A	5A
Max.output current-Night mode	10A	6A	3A
DC Power supply voltage/current (default)	12.6V, 30A	25.2V, 15A	50.4V, 10A
DC Power supply voltage (APP setting range)	12-13.8V	24-27.6V	48-55.2V
Max battery capacity (recommended)	300AH	150AH	100AH
Min battery capacity (recommended)	100AH	50AH	30AH
Temperature compensation (lead-acid only)	18mV/℃	36mV/℃	72mV/℃
Charge algorithm	4-stage adaptive		
Protection	Reverse polarity (fuse), output short circuit, over temperature		
Operating temperature	-20 ～ +50°C		
Material & Colour	Aluminium,Iron grey		
Battery connection	M8 screw		
Protection category	IP22 (indoor use)		
Weight	1.4kg		
Dimensions	221×155×70mm		