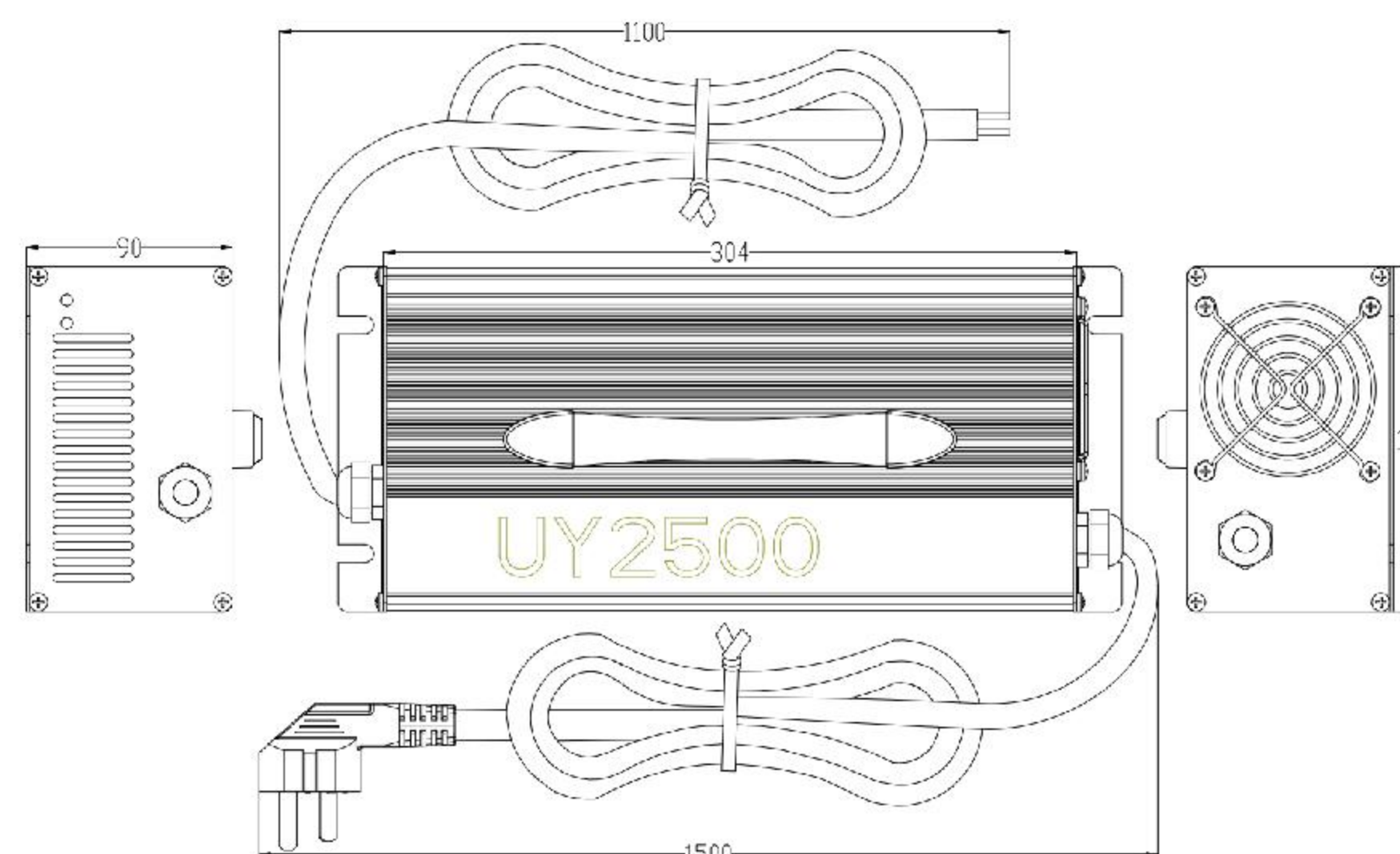


UY2500 Series Chargers



(UNIT: MM)

Product Specification

Total output power	2500W
Output circuit	Single output
Output voltage	24 -120V
Input range	AC:100-120Vac/200-240Vac
Frequency	50 - 60Hz
Maximum charging current	100A
Input the fuse	16×2
Maximum input power	2809W
Efficiency	89% (Typical value)
Leakage current	≤0.75mA
Fan noise	≤55dB
Operating temperature	-20℃—+40℃
Storage temperature	-40~70℃
Product characteristics	- Optional MCU function /CAN communication, to meet the needs of functional differentiation customization; - MCU intelligent control and pulse width modulation (PWM) technology, high efficiency, good stability, low carbon energy saving, to meet the requirements of different battery charging curves; - Intelligent cooling fan, controlled by temperature;
Security authentication	EN 62368-1:2014+A11:2017

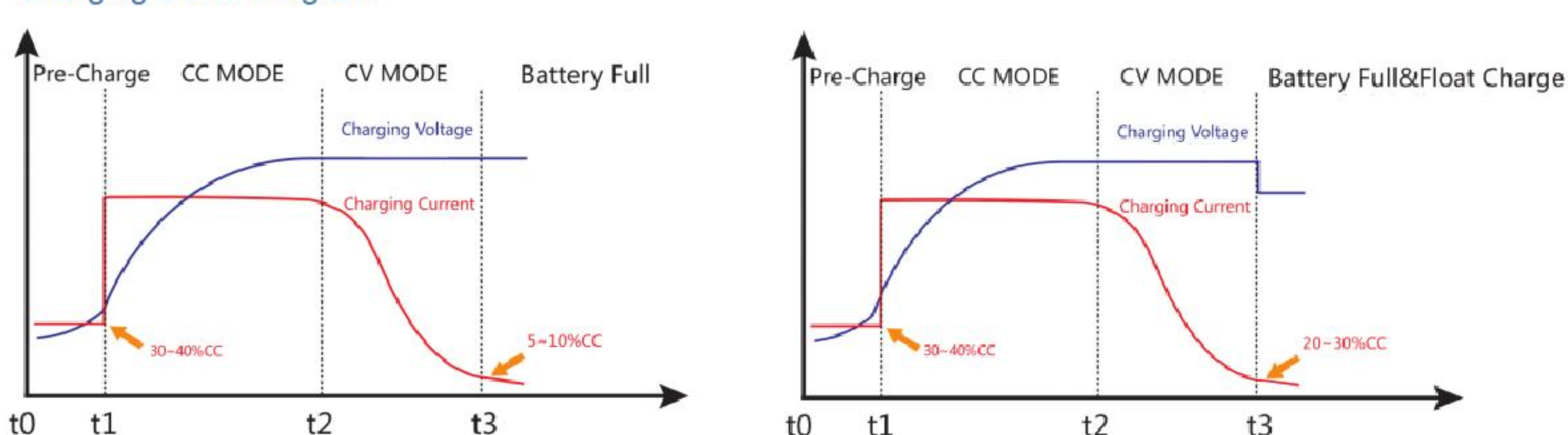
Common Input Connectors



Common Output Connector



Charging Curve Diagram



Output Reference

Model	Output Voltage	Constant Voltage	Constant Current	Switching Current		AC Input Plugs (optional)	DC Output Plugs (optional)	Adjustment Rate/Load Adjustment Rate
				Li (CC8%)	Lead-acid (CC25%)			
1	24V	29.4 V	65 A	5200ma	16250ma	Refer to AC input plugs	Refer to DC output plugs	1%
2	36 V	43.8 V	45 A	3600ma	11250ma	Refer to AC input plugs	Refer to DC output plugs	1%
3	48V	58.8 V	40 A	3200ma	10000ma	Refer to AC input plugs	Refer to DC output plugs	1%
4	60 V	67.2 V	28 A	2240ma	7000ma	Refer to AC input plugs	Refer to DC output plugs	1%
5	72 V	87.6 V	23 A	1840ma	5750ma	Refer to AC input plugs	Refer to DC output plugs	1%
6	84 V	102.9 V	20 A	1600ma	5000ma	Refer to AC input plugs	Refer to DC output plugs	1%
7	96 V	109.2 V	18 A	1440ma	4500ma	Refer to AC input plugs	Refer to DC output plugs	1%
8	108 V	117.6 V	16 A	1280ma	4000ma	Refer to AC input plugs	Refer to DC output plugs	1%
9	120 V	134.4 V	15 A	1200ma	3750ma	Refer to AC input plugs	Refer to DC output plugs	1%