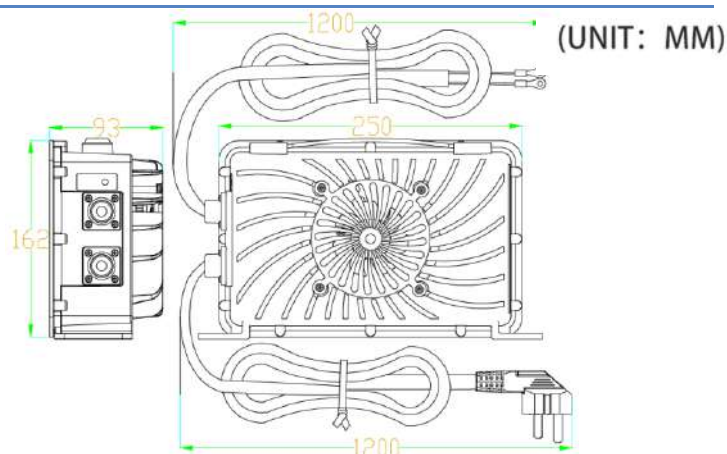


UY1500S Series Chargers



(UNIT: MM)

Product Specification

Total output power	1500W
Output circuit	Single output
Output voltage	12 -72V
Input range	W:100~240Vac H:200~240Vac L:100~120Vac
Frequency	47 - 63Hz
Maximum input power	1500W
Efficiency	≥90%
Leakage current	≤0.75mA
Power factor	0.95
Operating temperature	-20℃—+40℃
Storage temperature	-40~70℃
Product characteristics	- MCU control output current slow rise, no impact on the battery, high efficiency, good stability, low carbon energy saving; - With Charging Protection: Over Temperature/over Voltage/over Current/short Circuit/reverse Protection; - APFC+LLC resonant half-bridge topology; - Waterproof rating IP65;
Security authentication	EN 62368-1:2014+A11:2017

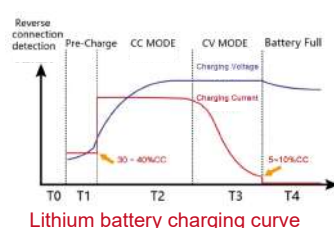
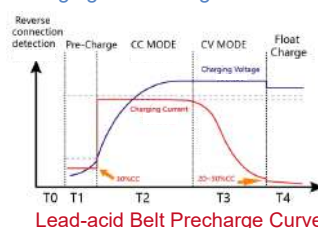
Common Input Connectors



Common Output Connector



Charging Curve Diagram



Output Reference

UY1500S							
Product specification	Dc voltage (Max)			Maximum Charging Current		Charge complete current	
	NCM	LFP	L-A	115Vac	230Vac	Lithium	L-A
12V 50A	12.6V/16.8V	14.6V	14.7V	45	55	5.5	13.75
24V 40A	25.2V/29.4V/33.6V	29.2V	29.4V	40	50	5.0	12.50
36V 25A	42V/46.2V	43.8V	44.1V	25	30	3.0	7.50
48V 20A	50.4V/54.6V/58.8V	54.75V	58.8V	20	25	2.5	6.25
60V 15A	63V/67.2V/71.4V	73.0V	73.5V	16	20	2.0	5.0
72V 12A	79.8V/84V	87.6V	88.2V	14	17	1.7	4.25