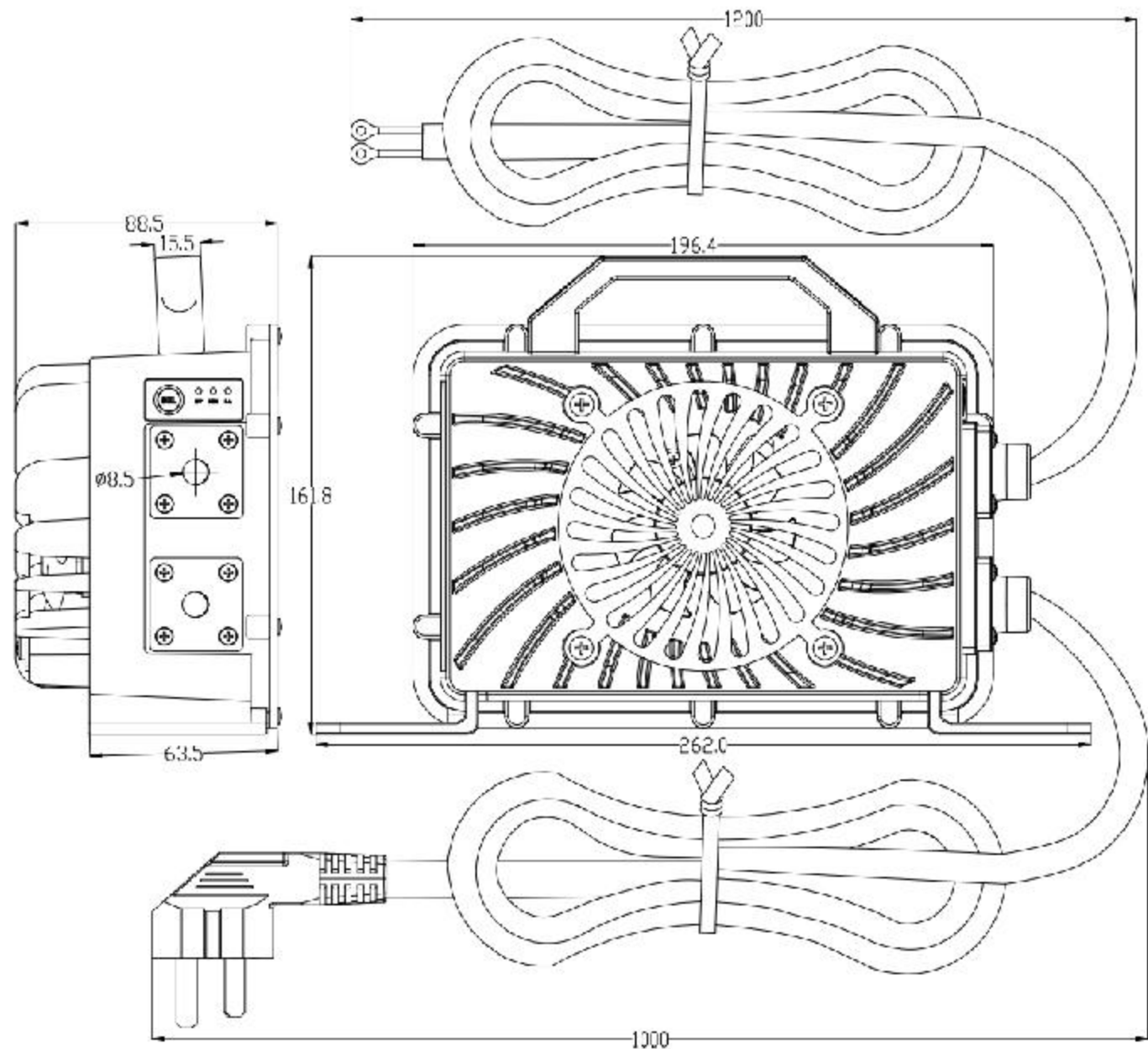


UY600S Series Chargers

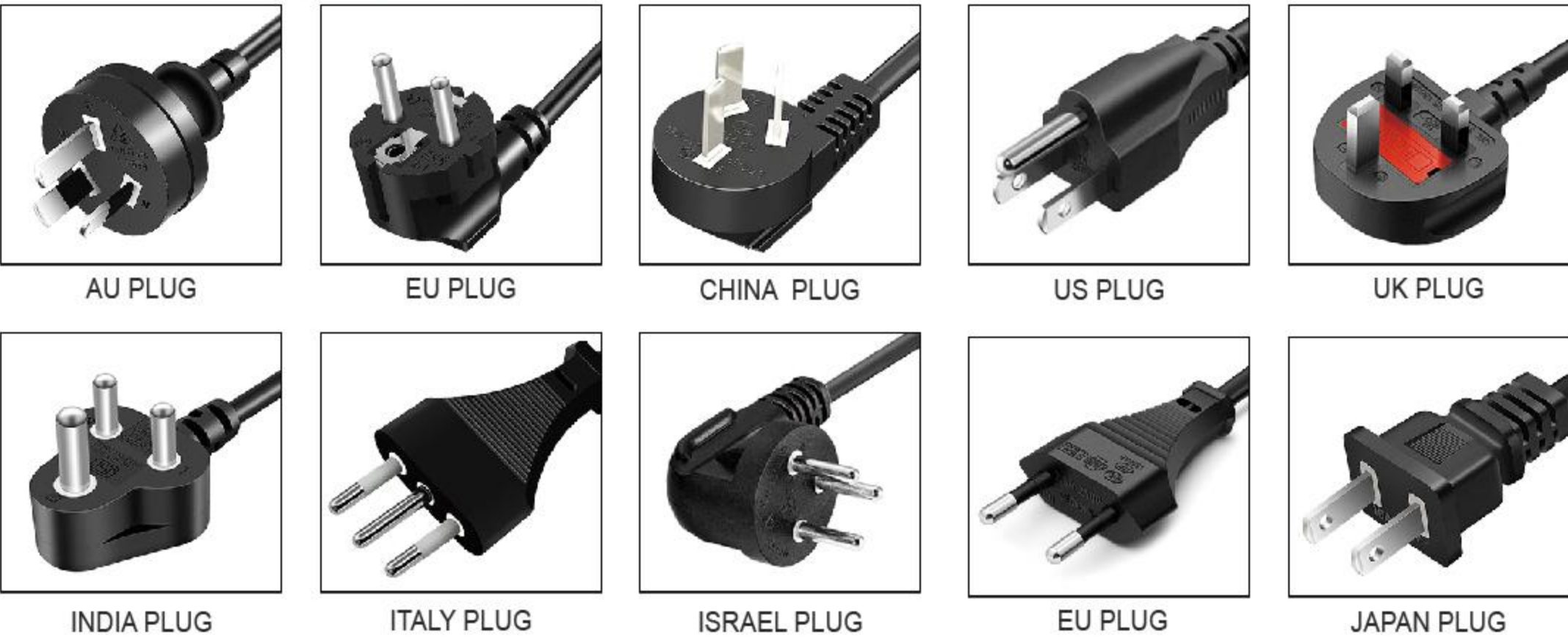


(UNIT: MM)

Product Specification

Total output power	600W
Output circuit	Single output
Output voltage	12 -84V
Input range	90V ~ 260VAC
Frequency	47 ~ 63Hz
Input fuse	30A
Efficiency	≥88%
Leakage current	≤0.75mA
Product characteristics	• Applicable to lead-acid battery (water, colloid, and adsorption glass fiber type) or lithium battery (lithium iron, lithium manganese, lithium ternary) charging; • Intelligent automatic charging: obtain the battery state and then switch the charging mode (charge waiting/precharge/constantcurrent/constant voltage/floating charge/recharge/full); • Three preset charging curves can be switched by users (LFP/NCM/L-A);
Security authentication	EN 62368-1:2014+A11:2017

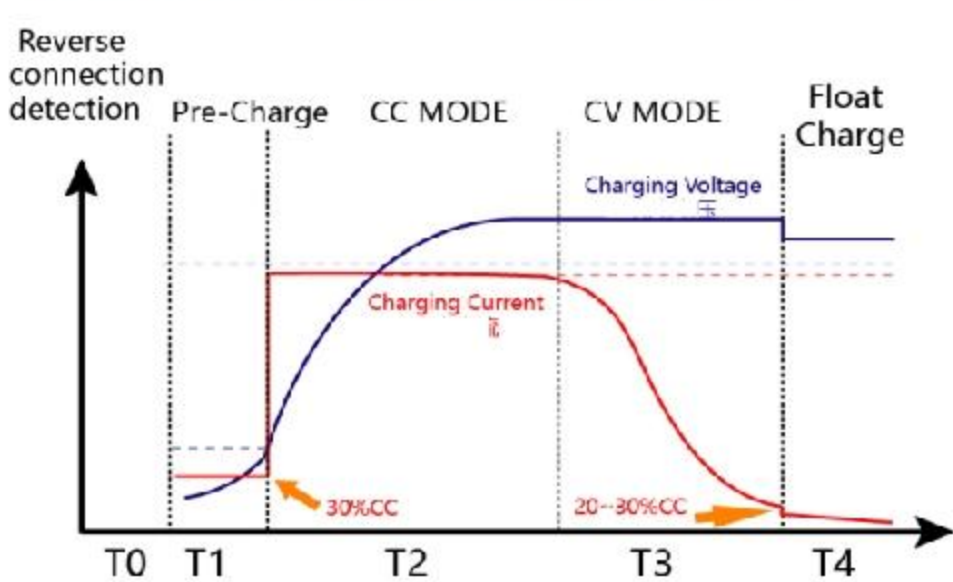
Common Input Connectors



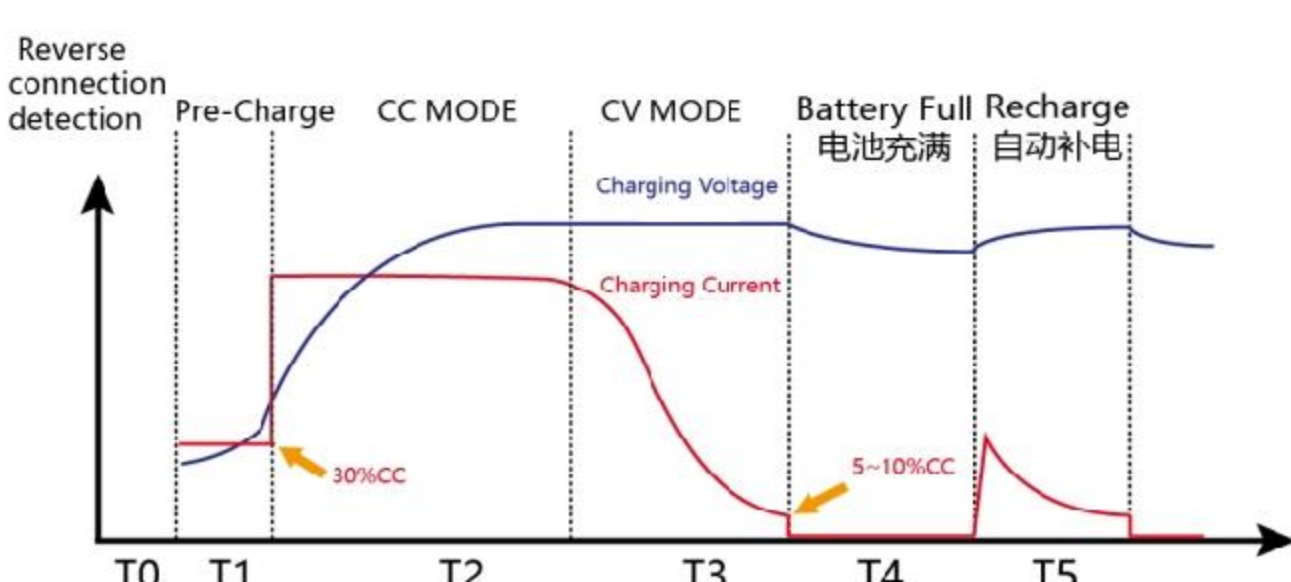
Common Output Connector



Lead-acid Battery Charging Curve



Lithium Battery Charging Curve



Output Reference

project	LFP (iron lithium) Voltage	NCM (ternary lithium) Voltage	L-A (lead acid) Voltage	Floating Charge Voltage	Maximum Current	Rotating lamp Current	Input power Cable Standard (Optional)	Output interface (optional)
1	14.6V	16.8V	14.7V	13.8V (only Lead)	30A	Lead 7.5A/Lithium 2.4A	"Power Cable Details"	"Interface Details"
2	29.2V	29.4V	29.4V	27.6V (only Lead)	20A	Lead 5.0A/Lithium 1.6A	"Power Cable Details"	"Interface Details"
3	43.8V	42.0V	44.1V	41.4V (only Lead)	13A	Lead 3.25A/Lithium 1.04A	"Power Cable Details"	"Interface Details"
4	58.4V	54.6V	58.8V	55.2V (only Lead)	10A	Lead 2.5A/Lithium 0.8A	"Power Cable Details"	"Interface Details"
5	73.0V	67.2V	73.5V	69.0V (only Lead)	8A	Lead 2.0A/Lithium 0.64A	"Power Cable Details"	"Interface Details"
6	87.6V	84.0V	88.2V	82.8V (only Lead)	6A	Lead 1.5A/Lithium 0.45A	"Power Cable Details"	"Interface Details"