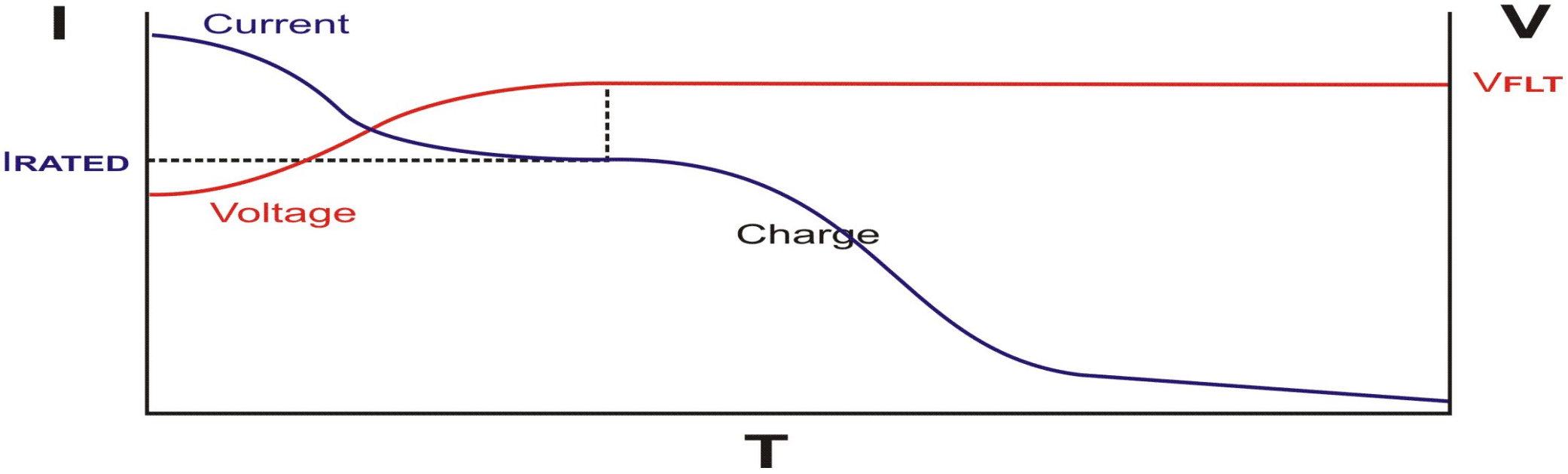
Charger Function List (Lead-Acid Battery Only)

Small Size, High Quality, SMPS Design, CE Approval

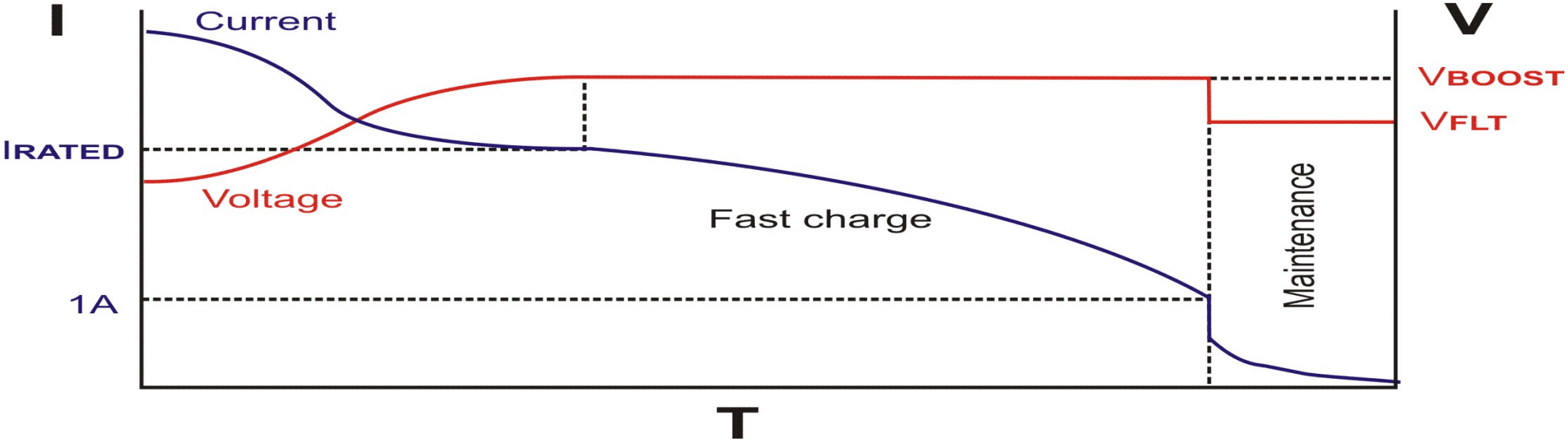
Item	Standard 1	Standard 2	Smart 1	Smart 2
	RP1x0C-xxF (Each standard power supply can be directly modified)	LP1x00C-xx RP1100C-xx	RP1x00C-xxFE LP300W.500W	RP1500C-xxC RP11KOC.11K5C LP11KOC
Watts	3~3KW	120W~200W	100~500W	500W~5KW
Application	Charging for toys, generator, security system, backup system…… etc.	High-level back up system, two wheels of electric cars, electric bicycle, and electric motorcycle	Golf car, forklift, electric motorcycle, and all 4 wheels of electri cars	High-level electric cars, forklift, navigation, aviation and military industrial.
Features	Low price Single step constant Current Charging (No reverse polarity protection)	Low price 3 steps constant current charging (Short protection, reverse polarity protection)	6 steps automatic charging control Short, and all abnormal charging protection	6 steps automatic charging control I/O On/Off switch Short, and all abnormal charging protection Capacity indicator Wet/dry battery dual use. Boost setting
LED Indicator	Charging, Green On	Boost charge Green On Float charge Green Off	All charging stes indicator Charging abnormal indicator	All charging stes indicator Charging abnormal indicator Capacity indicator Charging complete indicator
Temp. Protection				

Boost Setting			●	●
Auto O/P protection, No replacement fuse		●	●	●
Reverse Polarity Protection			●	●
Charging Complete Indicator		●	●	●
Charging Abnormal Indicator			●	●
Deep Discharge			●	●
Capacity Indicator				●
Wet / Dry Bettery Dual Application	●	●		●
Charging Curve	Picture 1	Picture 2	Picture 3	Picture 3、4

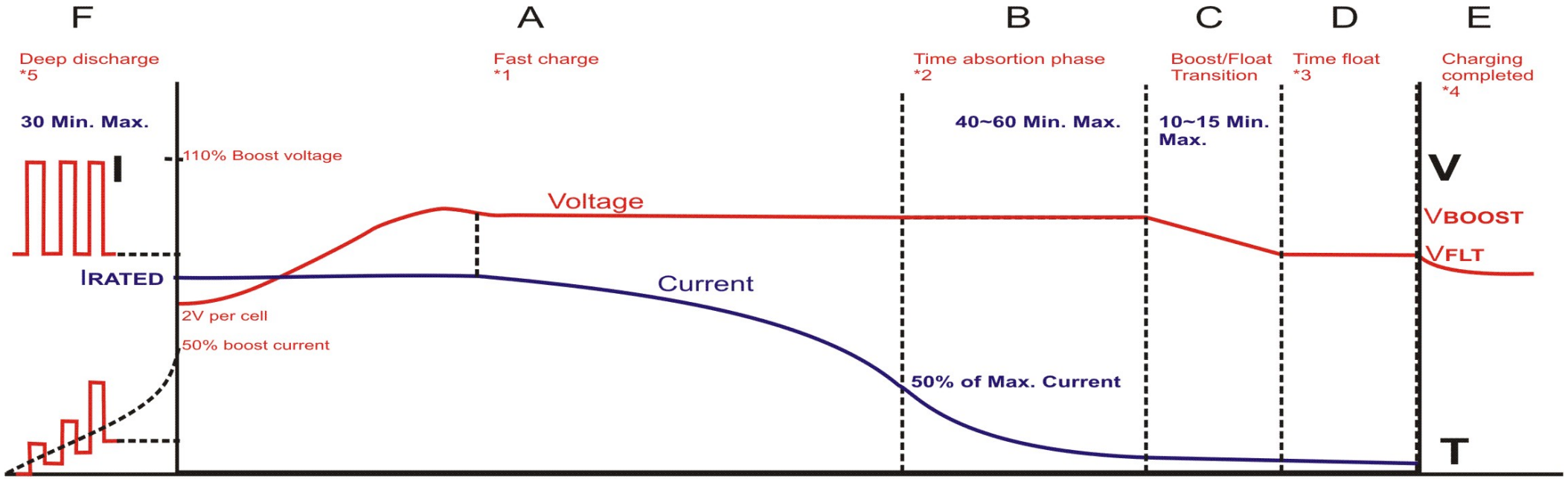
Picture 1



Picture 2



Picture 3



*1 Max. Boost charge time ≧ 12 Hrs, jump to section D

*2 Charge current ≦ 0A, relay open, then jump to section D

*3 Max. Float charge time ≧ 40 min. Then relay open

*4 If battery voltage drop 2.1V per cell, then recharge.

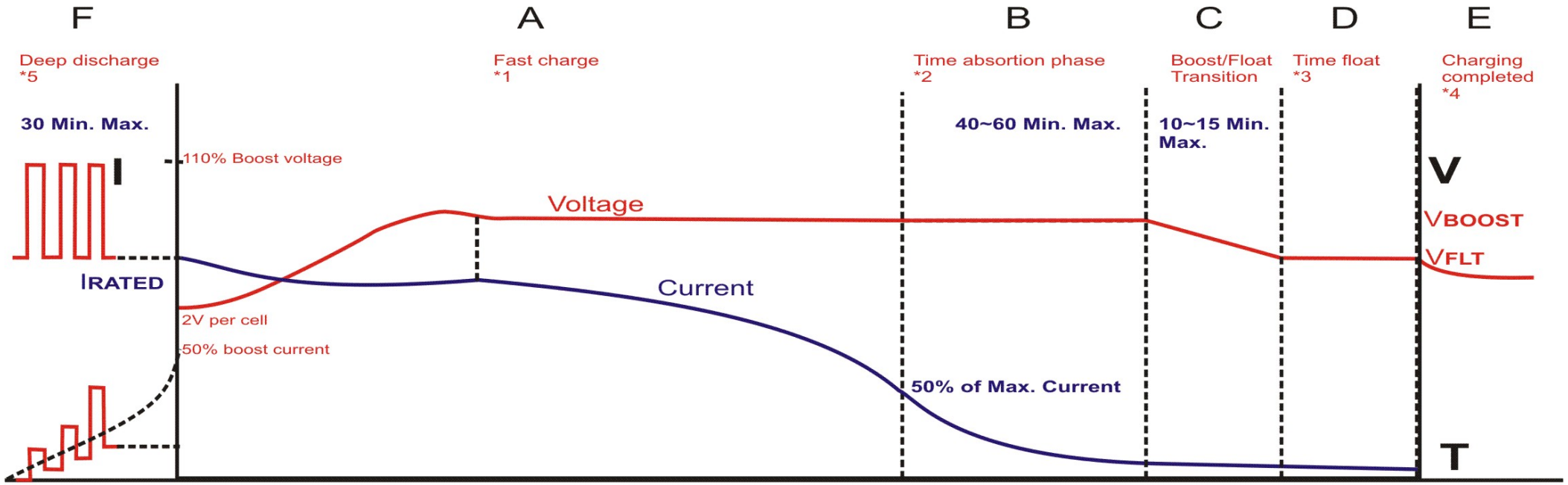
*5 If deep discharge over 30 min., then relay open and red LED ON.

*6 Section A, B, C P.W.M control

If charge current become 0 in any section, jump to section E.

NOTE:
20% inaccuracy for all statistical of time.

Picture 4



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