



# BB 30

**Battery Booster**  
30 A | 45 - 280 Ah | 12 V

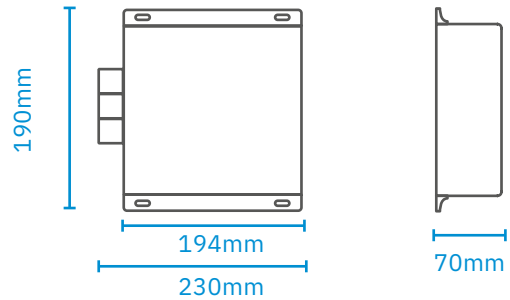
## Electrical Specifications

|  |            |
|--|------------|
| Battery Nominal Voltage (DC)   | 12V        |
| Battery nominal capacity   | 45 - 280Ah |
| Starter battery nominal capacity min.                                | 60Ah       |
| “Board I” max. charge current  | 30A        |
| Input voltage range “Start II”                                       | 10,5 - 16V |
| Input overvoltage disconnection “Start II”, max.                     | 16,5V      |
| Activation control input “D+”  | 8 - 16V    |
| Signal output “OK/TR”, switch position “TR”, cutoff relay bypass/max | 12V / 1A   |
| “Board I” charging current for “Start II”                            | 0 - 5A     |
| Signal output “OK/TR”, switch position “OK”                          | 12V / 1A   |
| Main battery overvoltage protection                                  | 15.5V      |
| Stand-by current   | 24mA       |

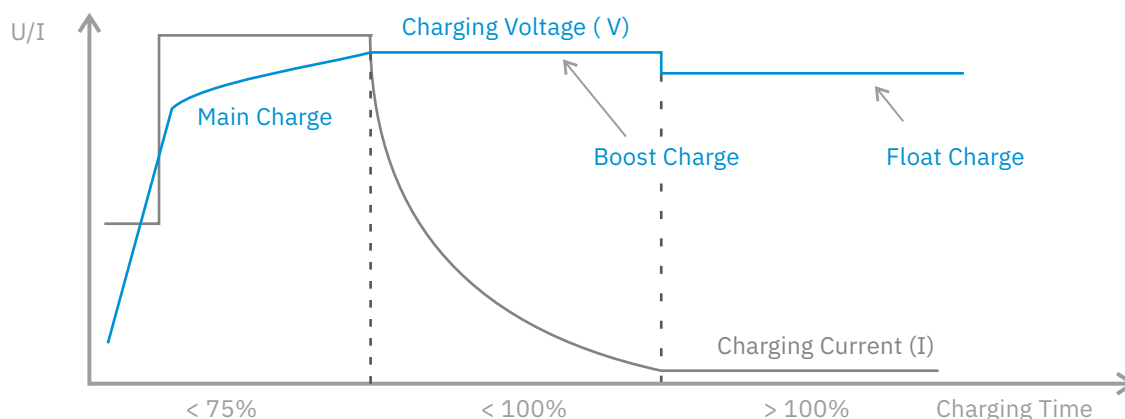
## Mechanical Specifications

|   |  |
|---|--|
| Measurements (L x W x H)  | 194 x 190 x 70mm                               |
| Weight  | 1.24kg   |
| Temperature range   | -20 to 50°C                                    |
| Ambient conditions  | max. 95% humidity, no condensation             |
| Optional accessories  | Charge monitor, Bluetooth adapter, App display |
| Input “T T” for battery temperature sensor “Board I”                    | Yes  |
| “Ss-” “Ss+” inputs for sensor cables “-” and “+” for Battery “Board I”: | Yes  |

## Measurements



## Charging Characteristics



Adjustable for battery types:

- Lead acid
- AGM
- Gel
- LiFePO<sub>4</sub>