

## 5. Setting Control Parameters

### 5.1 Battery types

#### 5.1.1 Support battery types

Item	Lead-acid battery	Lithium battery
1	Sealed(default)	LiFePO4(4s/12V; 8s/24V)
2	Gel	Li(NiCoMn)O <sub>2</sub> (3s/12V; 6s/24V)
3	Flooded	User (9~34V)
4	User(9~17V/12V; 18~34V/24V)	



**NOTE:** When the default battery type is selected, the battery voltage control parameters will be set by default and can't be changed. To change these parameters, select "User" battery type..

#### 5.1.2 Battery Voltage Control Parameters

Below parameters are in 12V system at 25 °C, please double the values in 24V system

Battery type Voltage	Sealed	Gel	Flooded	User
Over Voltage Disconnect Voltage	16.0V	16.0V	16.0V	9~17V
Charging Limit Voltage	15.0V	15.0V	15.0V	9~17V
Over Voltage Reconnect Voltage	15.0V	15.0V	15.0V	9~17V
Equalize Charging Voltage	14.6V	——	14.8V	9~17V
Boost Charging Voltage	14.4V	14.2V	14.6V	9~17V
Float Charging Voltage	13.8V	13.8V	13.8V	9~17V
Boost Reconnect Charging Voltage	13.2V	13.2V	13.2V	9~17V
Low Voltage Reconnect Voltage	12.6V	12.6V	12.6V	9~17V
Under Voltage Warning Reconnect Voltage	12.2V	12.2V	12.2V	9~17V
Under Voltage Warning Voltage	12.0V	12.0V	12.0V	9~17V
Low Voltage Disconnect Voltage	11.1V	11.1V	11.1V	9~17V
Discharging Limit Voltage	10.6V	10.6V	10.6V	9~17V
Equalize Duration	120 min	——	120 min	0~180 min
Boost Duration	120 min	120 min	120 min	10~180 min