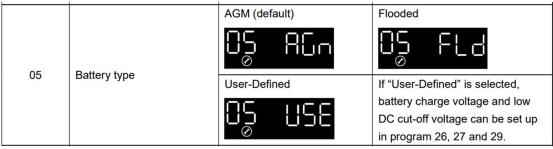
Inverter Setting for Lithium Battery

1. Battery type set to **USER** via inverter LCD/Switch or APP.



- 2. Check lithium battery specification. For example, as below:
 - Battery module specification

	Item	Specification	Conditions	
Nominal	Voltage	51.2V	25℃,0.2C	
	Capacity	100Ah		
Module weight		46.0kg	±0.5kg	
Dimensions(W*D*H), mm		442*470*155 (3.5U)	±2mm	
Operating parameters	Charging Voltage	56.0V~57.0V		
	Discharging Voltage	43.2V 2		
	Charging current	Max constant charge: 100A	Recommended 30A	(3
	Discharging current	Max constant discharge: 135A		
Temperature	Charge range	0°C~45℃		
	Discharge range	-20℃~55℃		
	Storage range	-20℃~45℃		
BMS	Built-in BMS	Voltage, current, temperature management & cell balance	RS485 communication	
Service life	Design life	>10years		
	Cycle life	>4000 times		

 Charging voltage setting:
 Program 26 and 27 set to 56.5V. (the setting value=lithium battery charging voltage-0.5V)

	Bulk charging voltage (C.V voltage)	2KW/3KW default setting: 28.2V
26		CU 28 282 ^v
		5KW default setting: 56.4V
		$\begin{bmatrix} -25 & 554 \\ BATT \end{bmatrix}$
		If self-defined is selected in program 5, this program can be set
		up. Setting range is from 25.0V to 31.5V for 2KW/3KW model and
		48.0V to 61.0V for 5KW model. Increment of each click is 0.1V.
27	Floating charging voltage	2KW/3KW default setting: 27.0V
		FLU 27 270°
		5KW default setting: 54.0V
		$F[U \ C] = S[U]^{v}$
		If self-defined is selected in program 5, this program can be set
		up. Setting range is from 25.0V to 31.5V for 2KW/3KW model and
		48.0V to 61.0V for 5KW model. Increment of each click is 0.1V.

4. Battery low cut-off voltage setting:
Program 29 set to 44.2V. (the setting value=lithium battery cut-off voltage+1V)

29 Low DC cut-off voltage 5KW default setting: 42.0V	29	Low DC cut-off voltage	2KW/3KW default setting: 21.0V
5KW default setting: 42.0V			
			5KW default setting: 42.0V

19

	If self-defined is selected in program 5, this program can be set
	up. Setting range is from 21.0V to 24.0V for 2KW/3KW model and
	42.0V to 48.0V for 5KW model. Increment of each click is 0.1V.
	Low DC cut-off voltage will be fixed to setting value no matter
	what percentage of load is connected.

5. Battery charging current setting:

Program 02 set to 30A, the charging current must be less than battery spec.

