

mode	register	function	
Remote mode	1100	Set 0 to enter mode	Set 1 Exit Mode

- 1, The maximum charging current and maximum discharge current set by the battery will limit the power of the battery
- 2, In off grid mode, Remote mode does not work and the battery will try to meet the load consumption as much as possible

control model	register	function	Remarks
DC control mode,	1104	Set 1 to indicate battery control	Not controlling PV
	1105	Set 2 to control battery power using the 1109 register Set 3 to control the battery SOC using 1110	
	1109	Set battery power, controlled by percentage, set 100 to 10% rated power, negative value to charge, positive value to discharge	Example: For a 12kw inverter, if the register is set to 200, the battery will discharge $12000 * 20\% = 2400w$, and if the register is set to -300, the battery will charge $12000 * 30\% = 3600w$
	1110	Set the battery target SOC, set 100 to 10%, set a value greater than the current battery SOC to charge, set a value less than the current SOC to discharge	Example: The current SOC of the battery is 50%. If the register is set to 100, the battery will discharge to 10% and stop discharging. If the register is set to 600, the battery will charge to 60% and stop charging

control model	register	function	Remarks
AC control mode	1104	Set 0 to control the AC input and output of the inverter	
	1106	Set 0 to control the three-phase power of the inverter simultaneously using register 1111, and set 1 to independently control the three-phase power of the inverter using registers 111211131114	
	1111	Set the total AC power of the inverter and control it in percentage. Set 100 to 10% of the rated power, positive values to inverter output, and negative values to inverter input	For example: a 12kw inverter with a register set to 200, the inverter outputs $12000 * 20\% = 2400w$, the register set to -300, and the inverter AC input $12000 * 30\% = 3600w$
	1112	Set the power of inverter phase A, set	For example: a 12kw

		100 to 10% rated power, positive value to inverter output, negative value to inverter input	inverter with a register set to 200, inverter phase A outputs $12000/3 * 20\% = 800w$, register set to -300, inverter phase A inputs $12000/3 * 30\% = 1200w$
	1113	Set the power of inverter phase B, with 100 representing 10%, positive values representing inverter output, and negative values representing inverter input	For example: a 12kw inverter with a register set to 200, inverter phase B outputs $12000/3 * 20\% = 800w$, register set to -300, inverter phase A inputs $12000/3 * 30\% = 1200w$
	1114	Set the power of inverter phase C, with 100 representing 10%, positive values representing inverter output, and negative values representing inverter input	Example: For a 12kw inverter, with a register set to 200, the inverter outputs $12000/3 * 20\% = 800w$ for phase C, with a register set to -300, and the inverter inputs $12000/3 * 30\% = 1200w$ for phase A