

# HJ-330A

## configuration and instructions

### Panel Design and Display



## Parameter Settings

Press “PROG” for 3 sec, let go once “P00” is displayed. This is the settings page. Press “+” or “-” to choose an option and press “PROG” to set that option, Press “+” or “-” to set the right value. Then press “PROG” to revert back to last layer and press “PROG” again for more than 4 sec to save the value, When the parameters are modified, it will take effect immediately.

No:	Parameter	Range (Defaults)	Notes
P00	Alarm Function	0-Disabled 1-Available	Alarm All the alarm indications and outputs are forbidden if it is set as 0.
P01	Gen AC System	0:1ph 220V 1:3ph 400V 2:120V/240V 3:220V/400V	0:Power = voltage current, Current = phase current; Rated phase = 230V. 1: Power=voltage/1.732*current*P20,Current-phase current P19;Rated phase-230V. 2: Inputs<=165V:Power=voltage*Current*2, Current=phase current* 2; Input>165V: Power=voltage*current, Current=phase current ; Rated phase=230V. 3.Input<=300V; Power=voltage* Current, Current=phase current ; Input>300V: Power=voltage/1.732*current*P20.Current=phase Current*P19 ; Rated phase=230V.
P02	Rated frequency	0:50Hz 1:60Hz	Calculate the alarm value
P03	Rated total power	0-50.0KW (7.0KW)	Calculate the alarm value

P04	Rated Current	0-150.0A (30.0A)	Calculate the alarm value
P05	Over frequency alarm	0-200% (114%)	Over Frequency Alarm Value = Rated Frequency*Percentage. If the values 200%, then the alarm is disabled.
P06	Under frequency alarm	0-200% (85%)	Under Frequency Alarm Value=Rated Frequency* under Frequency Percentage If the value is set as 0%. then the alarm is disabled.
P07	Over voltage alarm	0-200% (115%)	Over voltage Alarm Value= Rated voltage* Percentage, If the value is set as 200%, then the alarm is disabled.

P08	Under voltage alarm	0-200% (85%)	Under voltage Alarm Value= Rated voltage* Percentage. If the value is set as 0%. then the alarm is disabled.
P09	Current over load alarm	0-200% (110%)	If the Gen AC system is set as 0, 1, and 2, then overcurrent = Rated current * Percentage. If the Gens AC system is set as 3, When the generator output is 1 phase 230V, then Over current = Rated current *Percentage, When the generator output is 3 phase 400V, Over current = Rated current/3 * Percentage. If the value is set as 200%, then the alarm is disabled.
P10	Over total power alarm	0-200% (110%)	Over total power alarm value= Rated total power * Over total power Percentage. If the value is set as 200%, then the alarm is disabled.
P11	Low battery voltage Warming	0-32.0 (8.0V)	When the battery input is lower than the warming value and comes into under battery voltage delay but still lower (Normal alarm delay). then under battery voltage wams. if the value is set as 0, then the under battery voltage is disabled.
P12	Emergency alarm delay	0-10.0 (1.5s)	Over voltage, over frequency and low oil pressure alarm delay.
P13	Normal alarm delay	2.0-20.0s (5.0s)	under voltage, under Frequency alarm delay low battery voltage warning delay.
P14	Over current delay	0-3600s (10s)	Current over- load alarm delay.
P15	Page-change	1-120s (120s)	switch Display Parameter delay

P16	Freq. for start success	0-70% (40%)	Freq. for start success value= Rated Freq.*Percentage. When the frequency is over than the pre-set value once on power. then it is regarded that engine crank successfully.
P17	safety delay	3-300s (10s)	This delay only responds to over frequency and overvoltage
P18	Alarm output delay	0-120s (120s)	Alarm relay output setting. 0: alarm output disabled. 120: alarm output all the time.
P19	Current display	1: Multiple 3:3Multiple	Display current = actual current * display multiple
P20	Power display	1:1Multiple 3:3Multiple	Display Power = actual Power * display multiple
P21	CT rate	5-150A (50A)	Used for setting generator CT primary current.
P22	CT Sec Current	50:50mA 62.5:62.5mA	Chose the secondary rated current.
P23	Alarm action	0 : stop 1 : trip	0: All alarms are stopped directly (alarm relay action): 1: When overvoltage, Under voltage, low frequency, and low oil pressure alarm occurs, first trip. Delay 1s, then stop; when overcurrent and overpower alarm occurs, trip but not stop. When over-frequency alarm occurs, trip directly and stop.

