

E-PANEL SETUP RECORD

Panel Serial # -	
Generator Model # -	
Date -	
Generator Serial # -	
Setup by -	

ENGINE PARAMETER MENU

Option	Range	Default	Actual Setting
RS232 Port	MODEM/DIRECT / 232/485	RS232/DIRECT	see E-Panel Set-Up Notes
Restore Defaults	N/A	N/A	N/A
Voltage Scaling	0.5 - 5.0	1.0	1.0
Flywheel Teeth	50 - 200	137	see E-Panel Set-Up Notes
Panel ID		000000	see E-Panel Set-Up Notes
User Password		000000	000000
Preheat Option	BEFORE START / NO PREHEAT	NO PREHEAT	NO PREHEAT
Load accept Frequency (Hz)	0.0 - 90.0	58.0	54.0
Load accept Voltage (V)	0 - 800	250	see E-Panel Set-Up Notes
Starter Disengage (RPM)	0 - 4000	500	500
No. of start attempts	0 - 10	3	8
Cool Down Timer (min)	0 - 600	0	0
Warm Up Timer (min)	0 - 600	0	0
Alarm Hold Off Timer (sec)	0 - 15	15	10
Start Attempt Pause Timer (sec)	5 - 600	5	8
Start Timer (sec)	0 - 15	10	8
Pre-Heat Timer (sec)	0 - 30	0	0

SYSTEM ALARM MENU

Option	Range	Default	Actual Setting
Low Fuel S/D Enable	ALWAYS / DISABLED	DISABLED	see E-Panel Set-Up Notes
Low Fuel S/D Setpoint (%)	0 - 100	10	10
Low Fuel Alarm Enable	ALWAYS / DISABLED	DISABLED	see E-Panel Set-Up Notes
Low Fuel Alarm Setpoint (%)	0 - 100	20	20
High Fuel Alarm Enable	ALWAYS / DISABLED	DISABLED	see E-Panel Set-Up Notes
High Fuel Alarm Setpoint (%)	0 - 100	80	80
Under Frequency Alarm Type	NON-LATCHING/LATCHING/SHUTDOWN	NON-LATCHING	NON-LATCHING
Under Frequency Alarm Setpoint (Hz)	0.0 - 100.0	35.0	54.0
Over Frequency Alarm Type	NON-LATCHING/LATCHING/SHUTDOWN	NON-LATCHING	LATCHING
Over Frequency Alarm Setpoint (Hz)	0.0 - 100.0	65.0	66.0
Under Voltage Alarm Type	NON-LATCHING/LATCHING/SHUTDOWN	NON-LATCHING	NON-LATCHING
Under Voltage Alarm Setpoint (V)	0 - 800	200	see E-Panel Set-Up Notes
Over Voltage Alarm Type	NON-LATCHING/LATCHING/SHUTDOWN	NON-LATCHING	LATCHING
Over Voltage Alarm Setpoint (V)	0 - 800	600	see E-Panel Set-Up Notes
Overspeed S/D Setpoint (rpm)	1000 - 4500	3800	2070
Underspeed Alarm Type	NON-LATCHING/LATCHING/SHUTDOWN	NON-LATCHING	NON-LATCHING
Underspeed Alarm Setpoint (rpm)	0 - 4500	1000	1260
Battery Voltage HI Setpoint (V)	4.0 - 30.0	30.0	30.0
Battery Voltage LO Setpoint (V)	4.0 - 30.0	8.0	24.5
Coolant temp LO Setpoint (deg F)	0 - 245	0	70
Coolant Temp HI S/D Setpoint (deg F)	0 - 245	215	215
Coolant Temp HI AL Setpoint (deg F)	0 - 245	180	195
Oil Temp S/D Enable	IMMEDIATE/HOLD OFF/DISABLED	DISABLED	see E-Panel Set-Up Notes
Oil Temp S/D Setpoint (deg F)	0 - 245	215	230
Oil Temp Warning Enable	IMMEDIATE/HOLD OFF/DISABLED	DISABLED	see E-Panel Set-Up Notes
Oil Temp Warning Setpoint (deg F)	0 - 245	180	210
Oil Pressure S/D Setpoint (psi)	0 - 100	15	20
Oil Pressure Warning Setpoint (psi)	0 - 100	25	30

DIGITAL I/O MENU

Option	Range	Default	Actual Setting
O/P 1 Function		COMMON ALARM	COMMON ALARM
O/P 2 Function		READY TO ACCEPT LOAD	READY TO ACCEPT LOAD
O/P 3 Function		EMERGENCY STOP ALARM	EMERGENCY STOP ALARM
Pre-Heat O/P Function		OUTPUT DISABLED	see setup notes
Digital input CH 1 Message		USER INPUT	
Digital input CH 1 Setting	OPEN = ALARM / CLOSED = ALARM	CLOSED = ALARM	
Digital input CH 1 Enable		DISABLED	
Digital input CH 1 Type		STATUS MESSAGE	
Digital input CH 2 Message		USER INPUT	
Digital input CH 2 Setting	OPEN = ALARM / CLOSED = ALARM	CLOSED = ALARM	
Digital input CH 2 Enable		DISABLED	
Digital input CH 2 Type		STATUS MESSAGE	
Digital input CH 3 Message		USER INPUT	
Digital input CH 3 Setting	OPEN = ALARM / CLOSED = ALARM	CLOSED = ALARM	
Digital input CH 3 Enable		DISABLED	
Digital input CH 3 Type		STATUS MESSAGE	
Digital input CH 4 Message		USER INPUT	
Digital input CH 4 Setting	OPEN = ALARM / CLOSED = ALARM	CLOSED = ALARM	
Digital input CH 4 Enable		DISABLED	
Digital input CH 4 Type		STATUS MESSAGE	
Digital input CH 5 Message		USER INPUT	
Digital input CH 5 Setting	OPEN = ALARM / CLOSED = ALARM	CLOSED = ALARM	
Digital input CH 5 Enable		DISABLED	
Digital input CH 5 Type		STATUS MESSAGE	
Digital input CH 6 Message		USER INPUT	
Digital input CH 6 Setting	OPEN = ALARM / CLOSED = ALARM	CLOSED = ALARM	
Digital input CH 6 Enable		DISABLED	
Digital input CH 6 Type		STATUS MESSAGE	
Digital input CH 7 Message		USER INPUT	
Digital input CH 7 Setting	OPEN = ALARM / CLOSED = ALARM	CLOSED = ALARM	
Digital input CH 7 Enable		DISABLED	
Digital input CH 7 Type		STATUS MESSAGE	
Digital input CH 8 Message		USER INPUT	
Digital input CH 8 Setting	OPEN = ALARM / CLOSED = ALARM	CLOSED = ALARM	
Digital input CH 8 Enable		DISABLED	
Digital input CH 8 Type		STATUS MESSAGE	↓

ANALOG I/P MENU

Option	Range	Default	Actual Setting
Analog CH 1 Value @ 0V	0.0 - 999.9	0.0	see setup notes
Analog CH 1 Value @ 5V	0.0 - 999.9	10.0	
Analog CH 1 Title		ANALOG INPUT 1	
Analog CH 1 HI Message		ANALOG INPUT 1 HIGH	
Analog CH 1 LO Message		ANALOG INPUT 1 LOW	
Analog CH 1 HI Setpoint	0.0 - 999.9	8.0	
Analog CH 1 LO Setpoint	0.0 - 999.9	2.0	
Analog CH 1 HI Enable		DISABLED	
Analog CH 1 LO Enable		DISABLED	
Analog CH 1 HI Type		STATUS MESSAGE	
Analog CH 1 LO Type		STATUS MESSAGE	
Analog CH 2 Value @ 0V	0.0 - 999.9	0.0	
Analog CH 2 Value @ 5V	0.0 - 999.9	10.0	
Analog CH 2 Title		ANALOG INPUT 1	
Analog CH 2 HI Message		ANALOG INPUT 1 HIGH	
Analog CH 2 LO Message		ANALOG INPUT 1 LOW	
Analog CH 2 HI Setpoint	0.0 - 999.9	8.0	
Analog CH 2 LO Setpoint	0.0 - 999.9	2.0	
Analog CH 2 HI Enable		DISABLED	
Analog CH 2 LO Enable		DISABLED	
Analog CH 2 HI Type		STATUS MESSAGE	
Analog CH 2 LO Type		STATUS MESSAGE	↓