

E-PANEL SETUP RECORD

Setup Notes:

Text in **BOLD** is the setting in the E-panel, underlined text is the genset option / rating / condition.

Engine Parameter Menu:

RS232 Port: Set to **RS232/Direct** for programming panel with a laptop, then set as required by yellow sheet or leave as is.

Flywheel Teeth: **182** for units 400-1020 kW, **193** for units 1200-2000 kW.

Panel ID: Panel serial number.

Load accept Voltage: **187** for 208 V units, **432** for 480 V units and **540** for 600 V units.

System Alarm Menu:

Low Fuel S/D, Alarm and High Fuel: **DISABLED** from factory. Commissioning personnel to **ENABLE** if base tank with level probe or switch is included.

Under Voltage Alarm Setpoint: **146** for 208 V units, **336** for 480 V units and **420** for 600 V units.

Over Voltage Alarm Setpoint: **225** for 208 V units, **520** for 480 V units and **650** for 600 V units.

Oil Temp S/D and Warning: **ENABLED** if Oil Temp sender installed, otherwise **DISABLED**.

Digital I/O Menu:

Standard Options are:

O/P 1 FUNC: **READY TO ACCEPT LOAD** (for smoke limiting solenoid on the SD1350, SD1500 (S12R-PTA-A2 engine), SD1635, SD1825 and SD2000)

Pre-Heat O/P FUNC: **SHUTDOWN DUE TO ALARM** (for external alarm horn or breaker shunt-trip)

<u>Digital Input</u>	<u>Message</u>	<u>Setting</u>	<u>Enable</u>	<u>Type</u>
Channel 1	BATT CHGR FAIL (only w/ <u>20 lt rem annun</u>)	CLOSED=ALARM	ALWAYS	NON-LATCH
Channel 2	GEN POWER (only w/ <u>20 lt rem annun</u>)	CLOSED=ALARM	IMMEDIATE	NON-LATCH
Channel 3	LINE POWER (only w/ <u>20 lt rem annun</u>)	CLOSED=ALARM	ALWAYS	NON-LATCH
Channel 4	B/U LO OIL PRESS (all units)	CLOSED=ALARM	HOLDOFF	SHUTDOWN
Channel 5	B/U HI ENG TEMP (all units)	CLOSED=ALARM	HOLDOFF	SHUTDOWN
Channel 6	OIL FILTER BLOCKED (all units)	CLOSED=ALARM	HOLDOFF	LATCHED
Channel 7	MLCB OPEN (if <u>aux contacts on breaker</u>)	CLOSED=ALARM	ALWAYS	LATCHED
Channel 8	RUPTURE BASIN (if unit has <u>base tank</u>)	CLOSED=ALARM	ALWAYS	LATCHED

Analog I/P Menu:

Leave as default unless yellow sheet specifies.