

EC30 Wire Color

Voltage Reading
From Pin 1 to

Connected to

Pin#	Color	EC30 Wire Color	Connected to	Voltage Reading From Pin 1 to
1	Brown	Genset -	Connector J1 Pin 1	0 VDC
2	Green	Genset Stop	Connector J1 Pin 2	12VDC
3	Red	Genset Start	Connector J1 Pin 3	12VDC
4	Black/White Stripe	Run Request HVAC 4	Not Connected	0 VDC
5	Orange	Genset Switched 12 VDC+	Genset Pin E	12 VDC
6	Blue	Genset Status	Connector J1 Pin 4	0 VDC
7	White	8-35 VDC + Power	Genset 12VDC + Feed	12 VDC
8	Black	House Batteries 12VDC +	Connector J2 Pin 2	12 VDC
9	Yellow	Chassis Batteries 12VDC +	Connector J2 Pin 8	12 VDC
10	Gray	Run Request HVAC 1, 12VDC+	Yellow Wire	12 VDC
11	Purple	Run Request HVAC 2, 12VDC +	Yellow Wire	12 VDC
12	Red/White Stripe	Run Request HVAC 3, 12VDC +	Not Connected	0 VDC
13	Brown/White Stripe	Shore Power Present 12VDC -	White Wire 12VAC -	0 VAC
14	Green/White Stripe	Shore Power Present 12VDC +	Red Wire 12VAC +	12 VAC
15	Orange/White Stripe	Safety Input 12VDC -	Genset Ground	0 VDC
16	Blue/White Stripe	Safety Input 12VDC +	Ignition Switch Wire "KE or JJZ"	12 VDC

If no shore power present
occurs, check for bad pins on
female plug pins # 13 & 14

WIRES ADDED

TO EC-30 WIRE COLOR

TO

FROM

COLOR

Green	Genset 12VDC Feed (Fused)	EC-30 Pin 6	White
White	Genset Ground	EC-30 Pin 14	Orange/White Stripe
Red	Genset Pin E	EC-30 Pin 4	Orange
Yellow	240 V. Trans. 12VAC+ Red Wire	EC-30 Pin 13	Green/White Stripe
Black	Spare	Spare	Spare
Blue	240 V. Trans. 12VAC - White Wire	EC-30 Pin 12	Brown/White Stripe