

PSU	
LRS-350-24 terminal block	9-pin
AC/L	1
AC/N	2
FG	3
-V	4
-V	5
-V	6
+V	7
+V	8
+V	9
Screw numbers are MeanWell's (LRS-350-SPEC) One pigtail per pair: 7+4, 8+5, 9+6 Screws 1-3 are mains, on the IEC inlet's own leads Terminal spec: see the PSU output pigtail drawing	

PJ1		
2x	18 AWG	4.0 in
PSU:7:+V	1:RD	J1:1:+24V (tip)
PSU:4:-V	2:BK	J1:2:GND (sleeve)
PSU-J pigtail, inside the PSU box Comes attached to the jack already, so buy the jacks with leads rather than have these made		

PJ2		
2x	18 AWG	4.0 in
PSU:8:+V	1:RD	J2:1:+24V (tip)
PSU:5:-V	2:BK	J2:2:GND (sleeve)
PSU-J pigtail, inside the PSU box Comes attached to the jack already, so buy the jacks with leads rather than have these made		

PJ3		
2x	18 AWG	4.0 in
PSU:9:+V	1:RD	J3:1:+24V (tip)
PSU:6:-V	2:BK	J3:2:GND (sleeve)
PSU-J pigtail, inside the PSU box Comes attached to the jack already, so buy the jacks with leads rather than have these made		

J1	
DC jack 5.5x2.1 female, panel-mount	2-pin
1	+24V (tip)
2	GND (sleeve)

J2	
DC jack 5.5x2.1 female, panel-mount	2-pin
1	+24V (tip)
2	GND (sleeve)

J3	
DC jack 5.5x2.1 female, panel-mount	2-pin
1	+24V (tip)
2	GND (sleeve)

P1	
DC plug 5.5x2.1 male	2-pin
+24V (tip)	1
GND (sleeve)	2

P2	
DC plug 5.5x2.1 male	2-pin
+24V (tip)	1
GND (sleeve)	2

P3	
DC plug 5.5x2.1 male	2-pin
+24V (tip)	1
GND (sleeve)	2

W1		
2x	18 AWG	36.0 in
P1:1:+24V (tip)	1:RD	BOARD_PWR:1:+24V
P1:2:GND (sleeve)	2:BK	BOARD_PWR:2:GND
board 24V in Length deliberately long		

W2		
2x	22 AWG	12.0 in
P2:1:+24V (tip)	1:RD	HUB:1:+24V
P2:2:GND (sleeve)	2:BK	HUB:2:GND
USB hub. Plug at one end, bare tinned end into the hub's 24V terminal.		

W3		
2x	22 AWG	6.0 in
P3:1:+24V (tip)	1:RD	BUCK:1:+24V
P3:2:GND (sleeve)	2:BK	BUCK:2:GND
Orange Pi buck. Plug at one end, bare tinned end spliced to the buck input leads.		

BOARD_PWR		
JST VH 2-pin (VHR-2)	female	2-pin
1		+24V
2		GND
Additional components		
2 x #8 (Terminal - SVH-21T-P1.1)		
controller board v1.3 24V input Pin 1 = +24V, pin 2 = GND		

HUB	
Bare tinned leads	2-pin
1	+24V
2	GND
into the hub's 2-pin 24V terminal (+ and - are printed on the hub board)	

BUCK	
Bare tinned leads	2-pin
1	+24V
2	GND
splice to the 24V-5V USB-C buck input leads	