

# PEL150-120-30

Design Condition				CC Readback			
Voltage	120.0	V		CCL Resolution	0.001	A	
Current	30.00	A		CCM Resolution	0.008	A	
Power	150.0	W		CCL Accuracy	0.20% ± 0.030	A	
				CCM Accuracy	0.20% ± 0.030	A	
CCL Transient Time	100.0	us		Constant Resistor Mode			
CCM Transient Time	100.0	us		CRL Range	0.033 ~ 4.000	Ohm	
				CRM Range	4.000 ~ 40.00	Ohm	
				CRH Range	40.00 ~ 7,200	Ohm	
				@ lin	≤ 3.000	A	
				CRL Resolution	1.333	mOhm	
				CRM Resolution	0.083	mS	
				CRH Resolution	0.008	mS	
				CRL Accuracy	1.0% ± 8.000	mOhm	
				@ lin > 3.0A	& Vin > 0.120	V	
				CRM Accuracy	1.0% ± 0.500	mS	
				@ lin > 0.3A	& Vin > 12.00	V	
				CRH Accuracy	1.0% ± 0.200	mS	
				@ lin > 0.03A	& Vin > 30.00	V	
				CR Transient			
				CRL Range	0.033 ~ 4.000	Ohm	
				CRM Range	4.000 ~ 40.00	Ohm	
				CRH Range	40.00 ~ 7,200	Ohm	
				@ lin	≤ 3.000	A	
				CRL Resolution	2.667	mOhm	
				CRM Resolution	0.167	mS	
				CRH Resolution	0.017	mS	
				CRL Accuracy	2.0% ± 8.000	mOhm	
				@ lin > 3.0A	& Vin > 0.120	V	
				CRM Accuracy	2.0% ± 0.500	mS	
				@ lin > 0.3A	& Vin > 12.00	V	
				CRH Accuracy	2.0% ± 0.200	mS	
				@ lin > 0.03A	& Vin > 30.00	V	
				Constant Power Mode			
				CPL Range	1.500 ~ 15.00	W	
				CPM Range	4.500 ~ 150.0	W	
				CPL Resolution	0.005	W	
				CPM Resolution	0.050	W	
				CPL Accuracy	1.00% ± 0.200	+	
					0.013 ×   60.00	- Vin   W	
				CPM Accuracy	1.00% ± 1.000	+	
					0.063 ×   60.00	- Vin   W	
				CP Transient			
				CPL Range	1.500 ~ 15.00	W	
				CPM Range	4.500 ~ 150.0	W	
				CPL Resolution	0.010	W	
				CPM Resolution	0.100	W	
				CPL Accuracy	2.00% ± 0.200	+	
					0.013 ×   60.00	- Vin   W	
				CPM Accuracy	2.00% ± 1.000	+	
					0.063 ×   60.00	- Vin   W	
				Others			
PROGRAMMABLE PROTECTION							
Current							
Range	33.00	A					
Resolution	0.008	A					
Accuracy	0.20% ± 0.083	A					
Voltage							
Range	132.0	V					
Resolution	0.033	V					
Accuracy	0.20% ± 0.333	V					
Power							
Range	165.0	W					
Resolution	0.042	W					
Accuracy	1.00% 0.833	W					
Constant Voltage Mode							
Maximum Input	120.0	V					
Range	0.000 ~ 120.0	V					
Resolution	0.033	V					
Accuracy	0.10% ± 0.120	V					
CV Transient							
Range	0.000 ~ 120.0	V					
Resolution	0.033	V					
Accuracy	0.20% ± 0.120	V					
Slew Rate	0.439 ~ 120.0	V/ms					
CV Readback							
Resolution	0.033	V					
Accuracy	0.20% ± 0.120	V					
Constant current mode							
Maximum Current	30.00	A					
Minum Voltage(I <sub>Max</sub> )	1.000	V					
CCL Range	0.000 ~ 3.000	A					
CCM Range	0.000 ~ 30.00	A					
CCL Resolution	0.001	A					
CCM Resolution	0.008	A					
CCL Accuracy	0.10% ± 0.030	A					
CCM Accuracy	0.10% ± 0.030	A					
CC Transient							
CCL Range	0.000 ~ 3.000	A					
CCM Range	0.000 ~ 30.00	A					
CCL Resolution	0.001	A					
CCM Resolution	0.008	A					
CCL Accuracy	0.20% ± 0.030	A					
CCM Accuracy	0.20% ± 0.030	A					
CCL Slew Rate	0.00011 ~ 0.030	A/us					
CCM Slew Rate	0.00110 ~ 0.300	A/us					

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