

Table 1-1. Model 4006 Technical Characteristics

PARAMETERS	SPECIFICATIONS
PHYSICAL CHARACTERISTICS:	
Width	19.00 in.(48.26 cm)
Depth	18.69 in.(47.47 cm)
Height	3.50 in. ( 8.89 cm)
Weight	25 lbs(max)
ELECTRICAL CHARACTERISTICS:	
Input Power:	
Voltage	115 V ac +/-10%
Frequency	47 Hz to 420 Hz
Output Power:	
Voltage	0-40 V dc
Current	0-6 amps
Regulation: (Line or Load)	
Voltage	0.01% or 2 mV
Current	0.02% + .6 mA
Ripple & Noise(rms)	
Voltage	200 $\mu$ V
Current	0.5 mA
Protection Circuitry:	Reverse voltage protection, ac input line fuse.
Stability: (1)	CV: 0.025% +0.5 mV/8 hrs CC: 0.03% +10 mA/8 hrs
Settability (FS):	
Voltage	.025%
Current	.05%
Remote Sensing	1 V maximum drop per load lead (rear terminal con- nection)
(1) At constant line, load and temperature and after one half-hour warmup.	

Table 1-1. Model 4006 Technical Characteristics - Continued

PARAMETERS	SPECIFICATIONS
Remote Programming:	
Resistance:	
Constant Voltage	200 ohms/V
Constant Current	1 K ohm = 100%
Voltage:	
Constant Voltage	1 V/V
Constant Current	-
ENVIRONMENTAL CHARACTERISTICS:	
Ambient Temperature	
Operating	32° to 158°F (0° to 70°C)*
Storage	-40° to 185°F (-40°C to 85°C)
Temperature Coefficient (per degree C)	.01% +0.2 mV
Cooling	Convection
	*Current derated to 4 amps above 55°C.

Table 1-2. Model 4010 Technical Characteristics

PARAMETERS	SPECIFICATIONS
PHYSICAL CHARACTERISTICS:	
Width	19.00 in. (48.26 cm)
Depth	18.69 in. (47.47 cm)
Height	3.50 in. (8.89 cm)
Weight	25 lbs(max)
ELECTRICAL CHARACTERISTICS:	
Input Power:	
Voltage	115 V ac +/-10%
Frequency	60 Hz +/-5%
Output Power:	
Voltage	0-40 V dc
Current	0-10 amps
Regulation: (Line and load)	
Voltage	.01% +200 $\mu$ V
Current	.02% +500 $\mu$ A
Ripple & Noise (rms)	
Voltage	200 $\mu$ V
Current	3 mA
Protection Circuitry:	Reverse voltage protection, ac input line fuse.
Stability:(1)	CV: 0.03% + 2 mV CC: 0.03% + 3 mA
Settability (FS):	
Voltage	.025%
Current	.05%
Remote Sensing	1 V maximum drop per load lead (rear terminal con- nection)
(1) At constant line, load and temperature and after one-half hour warmup.	

Table 1-2. Model 4010 Technical Characteristics - Continued

PARAMETERS	SPECIFICATIONS
Remote Programming:	
Resistance:	
Constant Voltage Constant Current	200 ohms/volt 1 K ohm = 100%
Voltage:	1 V/V —
Constant Voltage Constant Current	
ENVIRONMENTAL CHARACTERISTICS:	
Ambient Temperature	
Operating Storage	32° to 131°F (0° to 55°C) -40° to 167°F (-40° to 75°C)
Cooling	Convection