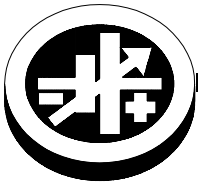


# INSTRUCTION SHEET



**KEPCO** An ISO 9001 Company.

**CABLE  
KIT  
219-0527**

## CABLE KIT NO. 219-0527 BOP 26600 MODELS (2) IN SERIES

### I. DESCRIPTION.

This kit contains the cables and terminations required to operate two identical 750 Watt Model 26600 BOP power supplies in series, effectively doubling the output voltage capacity.

Refer to the associated technical manual supplied with the BOP Model 26600 power supply for all instructions regarding installation and operation of multiple units in series.

### II. SPECIFICATIONS

Table 2 lists the general specifications for the series combination of two identical 750 Watt Model 26600 BOP Power Supplies. For specifications not listed in Table 2, refer to the General Specifications provided in the associated technical manual supplied with the Model 26600 BOP power supply

**TABLE 1. EQUIPMENT SUPPLIED**

Item	Quantity	Purpose	Kepeco Part Number
Output Power cable (1.5 ft.)	1	Connects the OUTPUT terminal of Master to the COMMON terminal of Slave.	118-1112
Protection Cable (1 ft.)	1	Provides interlock protection signals required for multiple unit operation.	118-1126
Series Control cable (1.5 ft.)	1	Provides control signals required for series operation.	118-1120
Protection - OUT Termination (Slave)	1	Provides proper termination for the slave connection to the Protection Cable.	195-0108
Protection - IN Termination (Master)	1	Provides proper termination for the master connection to the Protection Cable.	195-0107
Instruction Manual	1	Lists material supplied and specifications for multiple unit combination.	228-1633

**TABLE 2. GENERAL SPECIFICATIONS FOR TWO (2) BOP 26600 UNITS (SERIES)**

SPECIFICATION		RATING/DESCRIPTION	CONDITION
<b>INPUT CHARACTERISTICS</b>			
Current	176 Va-c	15A a-c	Maximum
	264 Va-c	10A a-c	Maximum
Leakage current		7mA a-c	230V a-c, 47-63 Hz
<b>OUTPUT CHARACTERISTICS</b>			
d-c Output Range	$E_O$ Max	±12V d-c	
	$I_O$ Max	±125A d-c	
Closed Loop Gain	Voltage Channel	1.2	
	Current Channel	12.5	
Source/sink adjustment range	Voltage	-12V to +12V	
	Current	-125A to +125A	
Programming resolution / accuracy	Voltage	±18mV	
	Current	±125mA	
	Voltage Limit	±18mV linearity	±360mV Full Scale tolerance
	Current Limit	±125mA linearity	±2.5A Full Scale tolerance
Readback resolution / accuracy	Voltage	Same as individual unit	Independent readings for each unit
	Current	Same as individual unit	Independent readings for each unit
Voltage stabilization in voltage mode			
	Source effect	±6mV	Min - max input voltage
	Load effect	±12mV	0 to 100% load current
	Time effect (drift)	±6mV	0.5 through 24 hours
	Temperature effect	±6mV / °C	0° to 50°C
	Ripple and noise	±240mV p-p	Includes switching noise.
Current stabilization in current mode		Same as individual unit	
Rise/Fall Time	Voltage	400µS/400µS	Nominal resistive load, measured from 10 to 90%, 0 to ±100% of rating
	Current	500µS/500µS	Short circuit, measured from 10% to 90%, 0 to ±100% of rating
Frequency bandwidth	Voltage	1KHz	Nominal resistive load, $E_{OPK} = E_{ONOM}$ , $I_{OPK} = I_{ONOM}$ @ 60Hz
	Current	800Hz	Short circuit, $I_{OPK} = I_{ONOM}$ @ 60Hz