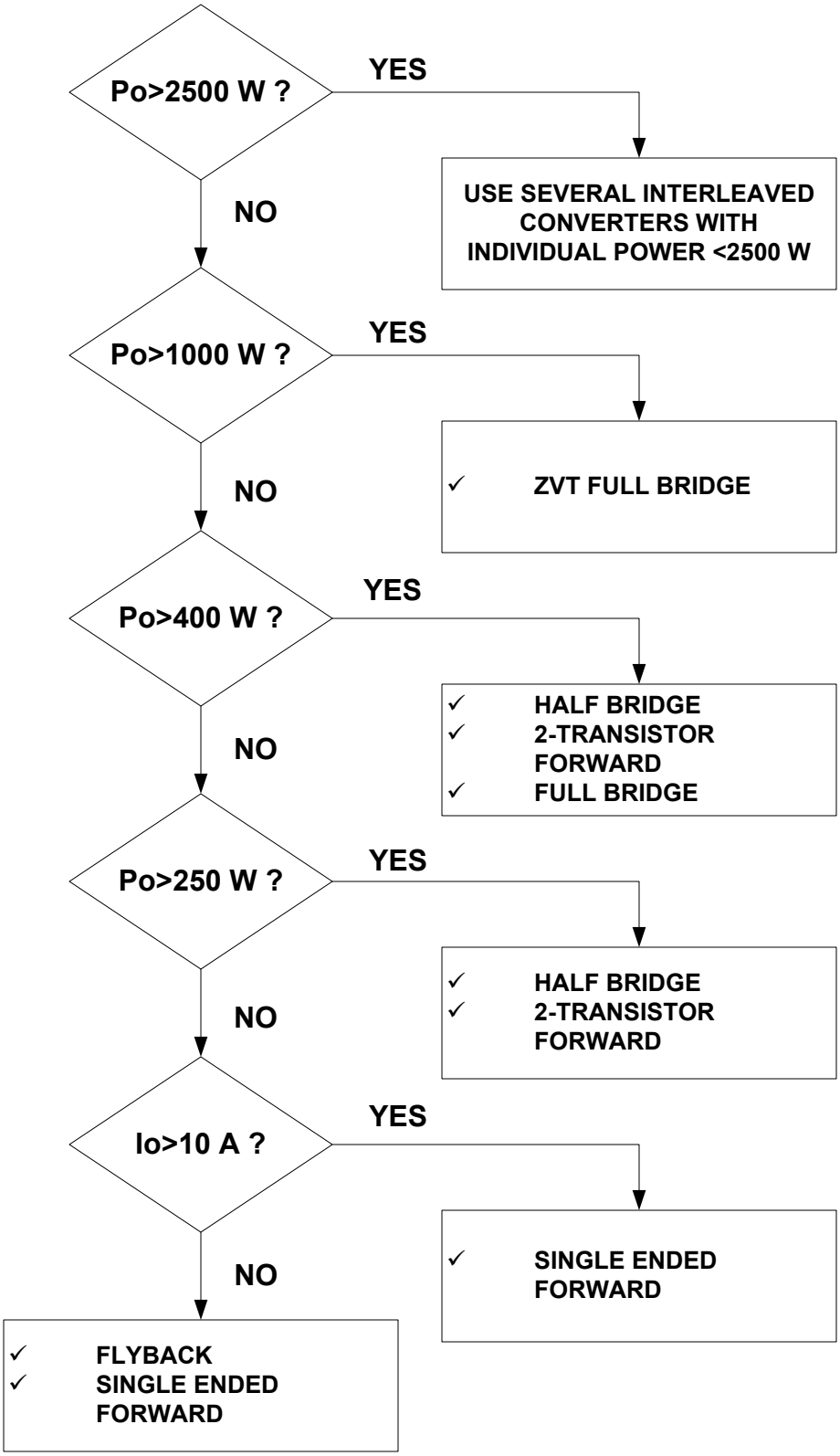
TOPOLOGY SELECTION OF THE OUTPUT CONVERTER IN AN OFFLINE SWITCHING POWER SUPPLY (SMPS)



ASSUMPTIONS:

1. Input voltage: 120 to 400 VDC (which is typical for rectified AC line voltage or the output of PFC boost)

2. Output voltages <60 V

NOTE: This is just a basic guidance in selecting proper smps topology, which is based on the author's personal view.

The right topology will be selected depending on specific requirements for the power supply (including cost and time factors) and personal experience of the designer.

NOTES:
Po- overall output power,
Io- maximum current of any output