



## CXA-P20L-L

### ELECTRICAL CHARACTERISTICS

#### 12V INPUT TYPE/CXA-P20L-L

| Connections | Items                            | Unit | Symbol | Specifications |      |      | Conditions |            |              |
|-------------|----------------------------------|------|--------|----------------|------|------|------------|------------|--------------|
|             |                                  |      |        | min.           | typ. | max. | Vin(V)     | Ta(°C)     | RL(kΩ)       |
| A           | Output current Irms              | mA   | Iout   | 18             | 20   | 22   | 12±1%      | 23±5       | 15           |
|             |                                  |      |        | 16             | 20   | 24   | 12±5%      | -10 to +60 | 11.2 to 18.8 |
|             | Input current Idc                | A    | Iin    | —              | 0.63 | 0.95 | 12±5%      | -10 to +60 | 11.2 to 18.8 |
|             | Oscillation frequency            | kHz  | FL     | 23             | 28   | 33   | 12±5%      | -10 to +60 | 11.2 to 18.8 |
|             | Open circuit output voltage Erms | V    | Vopen  | 800            | 900  | —    | 12±5%      | -10 to +60 | ∞            |
|             | Output power                     | W    | Pout   | —              | —    | 9    | 12±5%      | -10 to +60 | —            |
| B           | Output current Irms              | mA   | Iout   | 10             | 12   | 13   | 12±1%      | 23±5       | 25           |
|             |                                  |      |        | 9              | 12   | 14   | 12±5%      | -10 to +60 | 19 to 31     |
|             | Input current Idc                | A    | Iin    | —              | 0.42 | 0.64 | 12±5%      | -10 to +60 | 19 to 31     |
|             | Oscillation frequency            | kHz  | FL     | 27             | 32   | 37   | 12±5%      | -10 to +60 | 19 to 31     |
|             | Open circuit output voltage Erms | V    | Vopen  | 800            | 900  | —    | 12±5%      | -10 to +60 | ∞            |
|             | Output power                     | W    | Pout   | —              | —    | 5.4  | 12±5%      | -10 to +60 | —            |
| C           | Output current Irms              | mA   | Iout1  | 9              | 10   | 11   | 12±1%      | 23±5       | 30           |
|             |                                  |      | Iout2  | 9              | 10   | 11   | 12±1%      | 23±5       | 30           |
|             |                                  |      | Iout1  | 8              | 10   | 12   | 12±5%      | -10 to +60 | 22.5 to 37.5 |
|             |                                  |      | Iout2  | 8              | 10   | 12   | 12±5%      | -10 to +60 | 22.5 to 37.5 |
|             | Input current Idc                | A    | Iin    | —              | 0.63 | 0.95 | 12±5%      | -10 to +60 | 22.5 to 37.5 |
|             | Oscillation frequency            | kHz  | FL     | 23             | 28   | 33   | 12±5%      | -10 to +60 | 22.5 to 37.5 |
|             | Open circuit output voltage Erms | V    | Vopen  | 800            | 900  | —    | 12±5%      | -10 to +60 | ∞            |
|             | Output power                     | W    | Pout   | —              | —    | 9    | 12±5%      | -10 to +60 | —            |

