

**Item # HB300S12-25, Half-Brick, 300-Watt, 12 Volts Output**List Price **QUOTE**

The HB300S12-25 offers 12 Volts output and 300 watts of output power in standard half brick package. This product features high efficiency up to 88%, high power density and 3000 Volts RMS of DC isolation. These converters are reliable and compact, with a single output voltage. The HB300S12-25 can deliver up to 25A output current and provides precise regulated output voltage over a wide input range of 180 -425 volts.

These module operates over a wide case temperature range of  $-40^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$ . This converter offers Input Under Voltage Lockout Protection (UVLO). The main features of this converter include remote On/Off, remote sense, output voltage adjustment, over voltage, over current and over temperature protection

*Please contact DATEL if your application requires different output voltage or any other special feature*

**Specifications**

<b>Minimum Input Voltage (V)</b>	180
<b>Maximum Input Voltage (V)</b>	425
<b>Output Voltage</b>	12 V
<b>Maximum Output Current (A)</b>	25
<b>Efficiency (%)</b>	88
<b>Data Sheet (PDF Link)</b>	<a href="#">HB300-series</a>

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