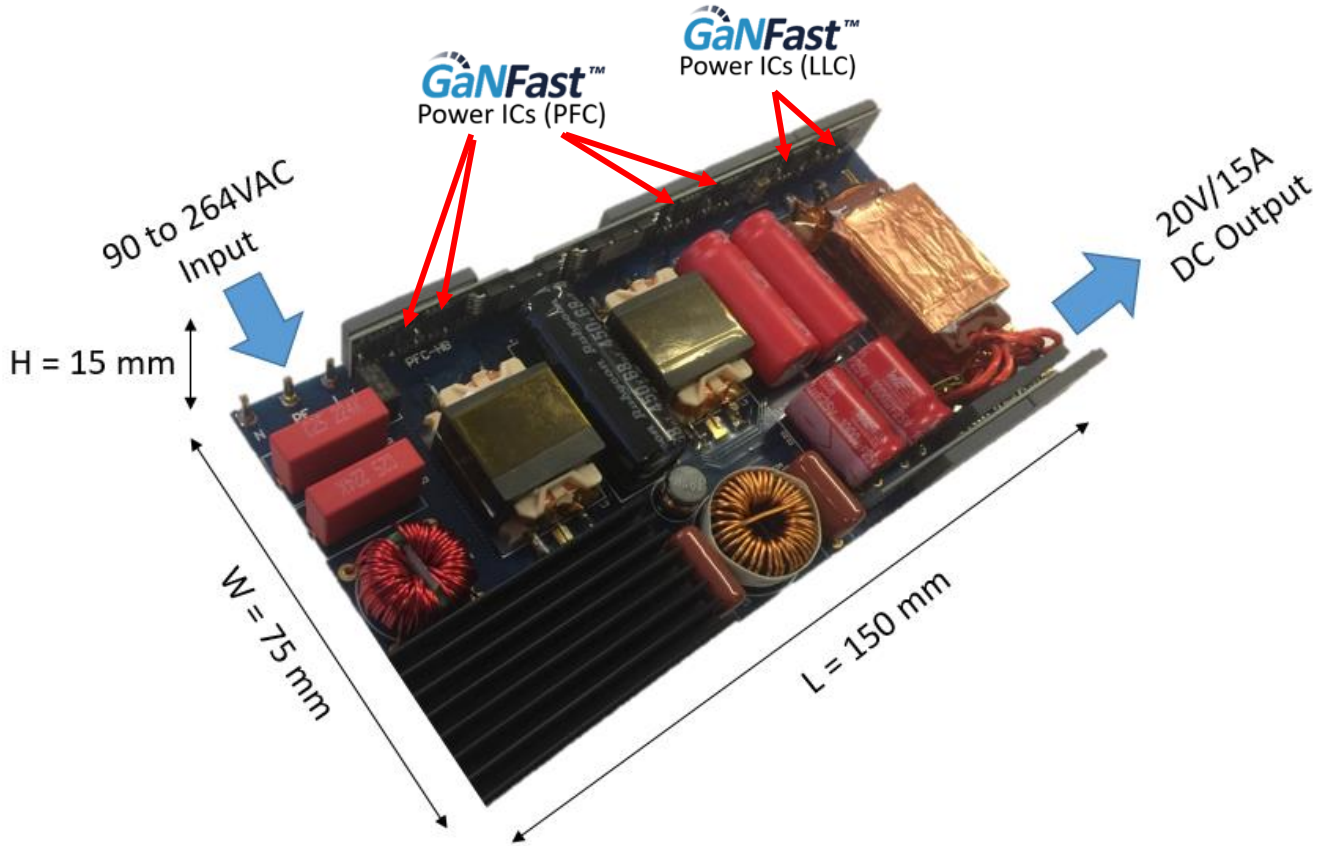




UG024, NVE052A

Highest Density 300 W, 20 V



Power, Output	300 W, 20 V/15 A
Topology	Interleaved CrCM/DCM Boost PFC (NCP1632 + 4x NV6115) ZVS LLC (NCP13992AI + 2x NV6117)
Frequency	PFC = 200 kHz min., LLC = 500 kHz
Size, Density	150 x 75 x 15 mm = 168 cc = 1.8 W/cc (30 W/in ³) PCBA 155 x 80 x 20 = 248 cc = 1.2 W/cc (20 W/in ³) cased
Efficiency	93% at 90 V _{AC} 94% at 115 V _{AC} 95% at 230 V _{AC}
Standby	<250 mW (no load)
EMI	CE pass, RE per customer