

10-36Vin
But surges up to 175V
for ~500ms

Bypass FETs
Bypass the "surge
Buck" when there
is no surge.

Surge Buck.
A crude Hysteretic controlled
Buck to block the surge from the
downstream 300W converter.
Keeps its Vin at approx 40V during
the surge.

300W SMPS
with Vin = 10-36Vdc
normally

Vout = 23.5V, 300W

