

90+ SLS (SRC/ LLC + SR) CM6901/1A

- Smaller Transformer because the L_m is greater
- f_{sw} (SLS) $\sim 0.5 f_{sw}$ (LLC)
- SLS (SRC+LLC+SR) does not need the litz wire
- For 300W desktop application, its $L_m > 1\text{mH}$ with 20mS hold up time
- 96 96 96 at 115Vac
- Square Wave Input Harmonics helps the gains
- LLC to maintain the negative feedback, L_m needs to be lower that is why LLC transformer is much bigger
- FM + 2 PWMings
 - **SR Ideal Diode PWMing at LLC region (for Full Load)**
 - **Light Load PWMing (For Light Load)**
- OVP auto restart/latch (latched when standby power is available)
- CM6901 auto restart/latch ($I_{LIMIT} = 1.0\text{V}$)
- CM6901A both **Voltage Feedback ($V_{fb} = 2.5\text{V}$) and Current Feedback (limit = 50mV)**
- Patented Technologies