

# IPS-CW4 Chart

*Selected Application Notes*

**Inverter Life Rating**  
= 16,000,000 operations in Basic Mode  
= 50,000,000 operations with capacitor maintenance

**Area "B" (Basic Mode) = Range 1% - 100% Inverter Duty Cycle:**  
Below Inverter curve & below Current Limiter Protection line  
Normal operating area with life rating of 16 - 50 million operations

**Area "S" (Special Mode) = Range 1% - 10% Inverter Duty Cycle:**  
Below Inverter curve & above Current Limiter Protection line  
Life rating derated - 1 to 16 million operations

**Current**

**Current Limiter Protection:  
600A**

**600 Amps @10% Inverter Duty Cycle**

**"B"**

**"S"**

**Inverter Duty Cycle**

2% 5% 8% 11% 14% 17% 20% 23% 26% 29% 32% 35% 38% 41% 44% 47% 50% 53% 56% 59% 62% 65% 68% 71% 74% 77% 80% 83% 86% 89% 92% 95% 98%

1800  
1600  
1400  
1200  
1000  
800  
600  
400  
200  
0

