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LED LED CV
LED Vf Rd
Load Station CV
LED LED Vf Vf Rd
(Clmit)
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供試物

LED
(定電流)
電源

Load Stationシリーズ

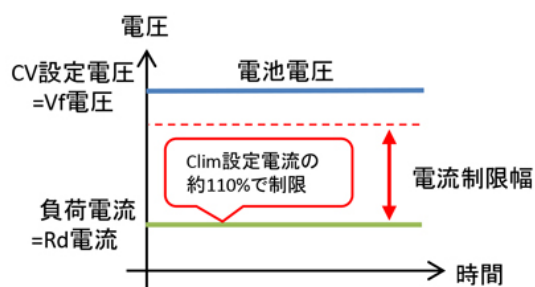
LED

等価回路

R_d

V_f

VfとRdの模擬が可能



LED模擬における電負負荷の動作

model	LN-300A 120V/60A/300W	LN-300C 500V/12A/300W	LN-1000A 120V/180A/1kW	LN-1000C 500V/36A/1kW
□□□□* Fast/S low□□□ □	Fast 45ms	Fast 280ms	Fast 550μs	Fast 110ms
□□□□□ □*	2ms	7ms	20μs	4ms

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- $\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{dv}{dt}$
- $\frac{1}{2} m v^2 = \frac{1}{2} m v_0^2 + \frac{1}{2} m v_f^2$
- $Rd = \frac{1}{2} m v^2$

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Load Station