



# Radial EEU-FS Series

*Contribution to miniaturization performance and higher cap*

## 1) Miniaturization proposal



Can size	Parameters	FR	FS
8x20	Capacitance (μF)	1500	1800
	ESR (Ω)	0.030	0.030
	Ripple current	1560	1560
10x20	Capacitance (μF)	1800	2200
	ESR (Ω)	0.020	0.020
	Ripple current	2180	2180

	Current	New
Item	FR 16V1800μF(φ10x20) x 2pcs 	FS 16V1800μF(φ8x20) x 2pcs 
Total Cap.	3600 μF	3600 μF
PCB Area	100% (200mm <sup>2</sup> )	64% (128mm <sup>2</sup> )

➤ Reduction ratio for PCB area is up to 40%

## 2) CV value increase

Can size	Parameters	FR	FS
10x20	Capacitance (μF)	2200	3300
	ESR (Ω)	0.020	0.020
	Ripple current	2180	2180
12.5x25	Capacitance (μF)	4700	5600
	ESR (Ω)	0.015	0.015
	Ripple current	3190	3190

	Current	New
Item	FR 6.3V2200μF(φ10x20) x 3pcs 	FS 6.3V3300μF(φ10x20) x 2pcs 
Total Cap.	6600 μF	6600 μF
PCB Area	100% (300mm <sup>2</sup> )	67% (200mm <sup>2</sup> )

➤ CV value increase by 20% – 50%