

DC-DC CONVERTERS

SFS Series

Feature

- SMD mounting type and through-hole mounting type
- High efficiency (synchronous rectifier circuit)
- Parallel operation is possible
- Built-in overcurrent, overvoltage and low voltage circuits
- Built-in remote ON / OFF, alarm
- High reliability : not built-in aluminum and tantalum electrolytic capacitor

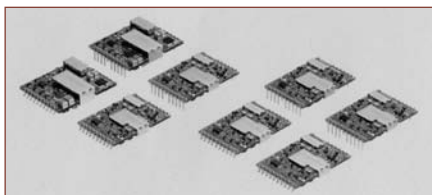
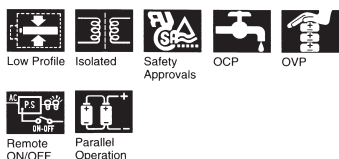
CE marking

- Low Voltage Directive

Safety agency approvals

- UL60950-1, C-UL, EN60950-1

5-year warranty

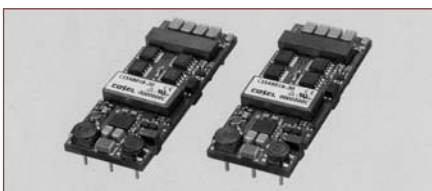


SFS10, SFS15, SFS20, SFS30

Model	Input Voltage (V)	Output Voltage (V)	Output Current (A)	Case Size W · H · D (mm)	Weight (g)	Safety Agency Approvals
SFS10	DC 36 - 76	1.2	3.5	38.7·5.0·27.2	12	
		1.5	3.5			
		1.8	3			
		2	3			
		2.5	3			
		3.3	3			
		5	2			
		12	0.9			
SFS15	DC 18 - 36	1.5	5.2	38.7·5.0·27.2	12	
		1.8	4.5			
		2.5	4.5			
		3.3	4.5			
		5	3			
	DC 36 - 76	1.2	5.2			
		1.5	5.2			
		1.8	4.5			
		2	4.5			
		2.5	4.5			
		3.3	4.5			
		5	3			
		12	1.25			
		15	1			
		15	1			
SFS20	DC 36 - 76	1.5	9	38.7·5.0·27.2	12	
		1.8	8			
		2.5	7			
		3.3	6			
		5	4			
SFS30	DC 18 - 36	1.2	10.4	38.7·5.0·31.2	20	
		1.5	10.4			
		1.8	9			
		2.5	9			
		3.3	9			
		5	6			
		12	2.5			
		15	2			
	DC 36 - 76	1.2	10.4			
		1.5	10.4			
		1.8	9			
		2	9			
		2.5	9			
		3.3	9			
		5	6			
10	3					
12	2.5					
15	2					

POWER MODULES

CES Series



CES
(Mared Models: Consult with us for delivery.)

Model	Input Voltage (V)	Output Voltage (V)	Output Current (A)	Case Size W · H · D (mm)	Weight (g)	Safety Agency Approvals
CES	DC 36 - 76	1.8	30	57.9 · 8.5 · 22.76	26	
		2.5	25			
		3.3	25			
		5	16			
		12	6			

Feature

- Compact DC-CC Converter, "BRICK SIZE" which has been standard size for Telecommunication Market
- High efficiency
- High density
- High reliability : not built-in aluminum and tantalum electrolytic capacitor
- Built-in overcurrent, overvoltage and thermal protection circuits
- Built-in remote ON / OFF

CE marking

- Low Voltage Directive

Safety agency approvals

- UL60950-1, C-UL recognized, TÜV approved

5-year warranty