CSF Series

- Wide input voltage range (free voltage or auto selection)
- Over voltage protection (except for 15W)
- Over current protection
- 4 years warranty

Single Output

CSF 50-24
① ② ③

① Series name
② Total output wattage
③ Output voltage

NEW

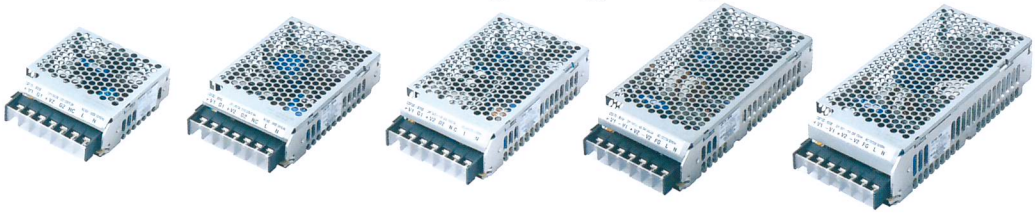
MODEL		CSF15	CSF30	CSF50	CSF75	CSF100	CSF150	CSF300	CSF600	CSF1000	CSF1500
INPUT VOLTAGE, FREQUENCY		AC100~240V (AC85~264 or DC120~370V), 50/60Hz (47~440Hz) Universal Input				AC90~132V / 180~264V or DC240~370V) (Auto selectable), 50/60Hz (47~440Hz)		AC100~240V (AC85~264 or DC120~370V), 50/60Hz (47~63Hz) Universal Input			
OUTPUT VOLTAGE / CURRENT	3.3V	3A	6A	10A	15A	20A	30A	55A	100A	–	–
	5V	3A	6A	10A	15A	20A	30A	55A	100A	–	240A
	9V	1.7A	3.4A	5.6A	8.4A	11A	16.7A	33.3A	66.5A	–	150A
	12V	1.3A	2.5A	4.3A	6.4A	8.4A	12.5A	26A	50A	60A	125A
	15V	1A	2A	3.5A	5A	6.7A	10A	21A	40A	50A	100A
	24V	0.7A	1.3A	2.2A	3.2A	4.2A	6.3A	13A	25A	40A	63A
	48V	–	0.63A	1.1A	–	2.1A	3.2A	6.7A	12.5A	21A	32A
INPUT CURRENT [A]	110V	0.4 (Io=100%)	0.8 (Io=100%)	0.9 (Io=100%)	2.0 (Io=100%)	2.0 (Io=100%)	3.6 (Io=100%)	3.6 (Io=100%)	7.2 (Io=100%)	12 (Io=100%)	16 (Io=100%)
	220V	0.2 (Io=100%)	0.4 (Io=100%)	0.6 (Io=100%)	0.8 (Io=100%)	1.2 (Io=100%)	2.0 (Io=100%)	1.8 (Io=100%)	3.6 (Io=100%)	6 (Io=100%)	7.8 (Io=100%)
EFFICIENCY [%]	110V	77 typ	80 typ	78 typ	84 typ	83 typ	84 typ	84 typ	81 typ	88 typ	86 typ
	220V	78 typ	80 typ	75 typ	80 typ	86 typ	88 typ	84 typ	84 typ	88 typ	90 typ
POWER FACTOR	110V	–	–	–	–	–	–	0.98	0.98	0.98	0.98
	220V	–	–	–	–	–	–	0.95	0.93	0.95	0.95
OPERATING TEMP AND HUMID		-10~+70°C (Required Derating), 20~90% RH (Non Condensing)									
SAFETY REGULATION		UL, C-UL, CE, CB									
SIZE (WxHxD / mm)		82x28x65	82x31.5x84	82x31.5x120	82x35.5x135	82x36.5x165	82x45x175	102x52x192	120x92x190	127x41x295	126.5x82x280
WEIGHT (g)		180	210	300	380	400	560	980	2000	1500	3800

* Input voltage of CSF1000 is "AC100~240V (AC85~264 or DC120~370V), 50/60Hz (47~440Hz) Universal Input"
* Efficiency is based on a 24V reference.
* More detail specification, visit Orient Electronics website and find CSF series

Dual Output

CSF 50-BHW
① ② ③

① Series name
② Total output wattage
③ Output voltage



MODEL			CSF15	CSF30	CSF50	CSF75	CSF100
INPUT VOLTAGE, FREQUENCY			AC100~240V (AC85~264 or DC120~370V), 50/60Hz (47~440Hz) Universal Input			AC85~132V / 180~264V or DC240~370V, 50/60Hz (47~440Hz), Auto Selectable	
OUTPUT VOLTAGE / CURRENT	BBW	5V	-	2A	-	-	-
		5V	-	2A	-	-	-
	BDW	5V	0.1~2A	0.3~3A	0.5~5A	0.6~6A	1~10A
		12V	0.5A	1.3A	2A	3.5A	4A
	BEW	5V	-	-	0.5~5A	-	-
		15V	-	-	1.7A	-	-
	BHW	5V	-	0.3~3A	0.5~5A	0.6~6A	1~10A
		24V	-	0.6A	1A	2A	2A
	DDW	12V	0.1~0.7A	1.3A	0.1~2.5A	-	-
		12V	0.7A	1.3A	1.5A	-	-
	EEW	15V	0.1~0.5A	1A	0.1~2A	-	-
		15V	0.5A	1A	1.5A	-	-
INPUT CURRENT [A]	110V	110V	0.4 (Io=100%)	0.65 (Io=100%)	1.2 (Io=100%)	1.8 (Io=100%)	2.4 (Io=100%)
	220V	220V	0.25 (Io=100%)	0.35 (Io=100%)	0.7 (Io=100%)	1.0 (Io=100%)	1.4 (Io=100%)
EFFICIENCY [%]	110V	110V	68 typ	71 typ	75 typ	75 typ	75 typ
	220V	220V	67 typ	72 typ	75 typ	75 typ	75 typ
OPERATING TEMP AND HUMID			-10~+70°C (Required Derating), 20~90% RH (Non Condensing)				
SAFETY REGULATION			CE, CB				
SIZE (WxHxD / mm)			82x31.5x84	82x31.5x120	82x35.5x135	82x36.5x165	82x45x175
WEIGHT (g)			210	290	360	450	560

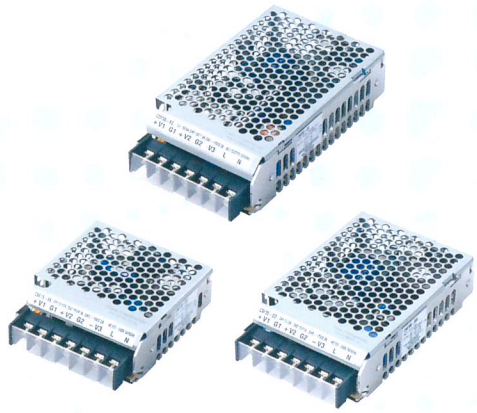
* Efficiency is based on a 5V-12V dual reference.
* More detail specification, visit Orient Electronics website and find CSF series

Triple Output

CSF 50-DD
① ② ③

① Series name
② Total output wattage
③ Output voltage

MODEL			CSF15	CSF30	CSF50
INPUT VOLTAGE, FREQUENCY			AC100~240V (AC85~264 or DC120~370V), 50/60Hz (47~440Hz) Universal Input		
OUTPUT VOLTAGE / CURRENT	DD	5V	0.1~2A	0.3~3A	0.5~5A
		12V	0.3A	1.0A	1.8A
		12V	0.2A	0.3A	0.3A
	EE	5V	0.1~2A	0.3~3A	0.5~5A
		15V	0.3A	0.8A	1.4A
		15V	0.2A	0.2A	0.3A
INPUT CURRENT [A]	110V	110V	0.4 (Io=100%)	0.65 (Io=100%)	1.2 (Io=100%)
	220V	220V	0.25 (Io=100%)	0.35 (Io=100%)	0.7 (Io=100%)
EFFICIENCY [%]	110V	110V	69 typ	71 typ	75 typ
	220V	220V	67 typ	71 typ	75 typ
OPERATING TEMP AND HUMID			-10~+70°C (Required Derating), 20~90% RH (Non Condensing)		
SAFETY REGULATION			CE, CB		
SIZE (WxHxD / mm)			82x31.5x84	82x31.5x120	82x35.5x135
WEIGHT (g)			220	290	360



* Efficiency is based on a 5V-12V-12V triple reference.
* More detail specification, visit Orient Electronics website and find CSF series