



Features

- Universal AC input / Full range
- 2 pole USA / EURO plug
- Class II power (without earth pin)
- Full output 3~48V safety approval
- Protections: Short circuit / Over load / Over voltage
- Fully enclosed plastic case
- Approvals: UL / CUL / CB / CE for USA plug type
TUV / CB / CE for EURO plug type
- 1 year warranty

General Specification (Please refer to www.meanwell.com for detail spec.)



ORDER No.	ES18U	ES25U	ES18E	ES25E
AC input voltage range	90~264VAC / 0.5A for 18W; 90~264VAC / 0.8A for 25W			
AC inrush current(max.)	Cold start, <20A peak at 115VAC; Cold start, <40A peak at 230VAC			
Over load protection	Hiccup mode, auto-recovery			
Over voltage protection	Clamp by zener diode > 120%			
Setup, rise, hold up time	300ms, 100ms, 16ms@ 230VAC input			
Withstand voltage	I/P - O/P: 3KVAC, 1 minute			
Working temperature	0~40°C @ 100% load, 50°C @ 70% load			
Safety standards	UL60950-1, CSA 22.2		EN60950-1	
EMC standards	EN55022-B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11			
Length of output cable	180cm of UL1185, 18AWG			
Standard plug of DC output	2.1φ x 5.5φ x 11mm / C+ (refer to page 37 for DC plug list)			
Dimension (L*W*H)(mm)	79x54x33	79x54x33	79x54x33	79x54x33
Packing	60pcs/13.0kg	60pcs/15.5kg	60pcs/15.5kg	60pcs/15.5kg

18W — Single output with American plug

Stock No.	Model No.	Output	Tol.	R&N	Effi.
14331	ES18U03-P1J	3.3V, 2.72A	±5%	50mV	55%
14332	ES18U05-P1J	5V, 3.00A	±5%	50mV	70%
14333	ES18U07-P1J	7.5V, 2.00A	±5%	80mV	72%
14334	ES18U09-P1J	9V, 2.00A	±5%	80mV	74%
14335	ES18U12-P1J	12V, 1.50A	±3%	80mV	76%
14336	ES18U15-P1J	15V, 1.20A	±3%	100mV	77%
14337	ES18U18-P1J	18V, 1.00A	±3%	150mV	78%
14338	ES18U24-P1J	24V, 0.75A	±2%	180mV	80%
14339	ES18U28-P1J	28V, 0.64A	±2%	240mV	81%
14340	ES18U48-P1J	48V, 0.38A	±2%	240mV	82%

25W — Single output with American plug

Stock No.	Model No.	Output	Tol.	R&N	Effi.
14351	ES25U05-P1J	5V, 4.00A	±5%	50mV	70%
14352	ES25U07-P1J	7.5V, 2.93A	±5%	80mV	74%
14353	ES25U09-P1J	9V, 2.77A	±5%	80mV	76%
14354	ES25U12-P1J	12V, 2.08A	±3%	80mV	78%
14355	ES25U15-P1J	15V, 1.66A	±3%	100mV	78%
14356	ES25U18-P1J	18V, 1.38A	±3%	150mV	80%
14357	ES25U24-P1J	24V, 1.04A	±2%	180mV	82%
14358	ES25U28-P1J	28V, 0.89A	±2%	240mV	82%
14359	ES25U36-P1J	36V, 0.69A	±2%	240mV	82%
14360	ES25U48-P1J	48V, 0.52A	±2%	240mV	82%

18W — Single output with Euro plug

Stock No.	Model No.	Output	Tol.	R&N	Effi.
14321	ES18E03-P1J	3.3V, 2.72A	±5%	50mV	55%
14322	ES18E05-P1J	5V, 3.00A	±5%	50mV	70%
14323	ES18E07-P1J	7.5V, 2.00A	±5%	80mV	72%
14324	ES18E09-P1J	9V, 2.00A	±5%	80mV	74%
14325	ES18E12-P1J	12V, 1.50A	±3%	80mV	76%
14326	ES18E15-P1J	15V, 1.20A	±3%	100mV	77%
14327	ES18E18-P1J	18V, 1.00A	±3%	150mV	78%
14328	ES18E24-P1J	24V, 0.75A	±2%	180mV	80%
14329	ES18E28-P1J	28V, 0.64A	±2%	240mV	81%
14330	ES18E48-P1J	48V, 0.38A	±2%	240mV	82%

25W — Single output with Euro plug

Stock No.	Model No.	Output	Tol.	R&N	Effi.
14341	ES25E05-P1J	5V, 4.00A	±5%	50mV	70%
14342	ES25E07-P1J	7.5V, 2.93A	±5%	80mV	74%
14343	ES25E09-P1J	9V, 2.77A	±5%	80mV	76%
14344	ES25E12-P1J	12V, 2.08A	±3%	80mV	78%
14345	ES25E15-P1J	15V, 1.66A	±3%	100mV	78%
14346	ES25E18-P1J	18V, 1.38A	±3%	150mV	80%
14347	ES25E24-P1J	24V, 1.04A	±2%	180mV	82%
14348	ES25E28-P1J	28V, 0.89A	±2%	240mV	82%
14349	ES25E36-P1J	36V, 0.69A	±2%	240mV	82%
14350	ES25E48-P1J	48V, 0.52A	±2%	240mV	82%