



International 5-Category
Energy Efficiency Compliance



External Power Supplies

Key Features of KSAS045 series

- Light, extra slim, sleek, compact design
- Green power, full complies with CEC level V , MEPS V EUP2011
- High power density
- Extra safe design, have got their respective safety approvals
- Completed protect function

Key Applications of KSAS045 series

It's suitable for an extremely wide range of applications, including:

- Mobile Devices
- Laptop
- Printer
- Pos
- Hard disk drive
- Set-top-box

Input

- Input Voltage: 90 to 264 VAC
- Frequency: 47-50/60-63hz
- Input Current: 1.2A (Max) 100 /240VAC
- Inrush Current: 50A Max 120VAC at max Load
80A Max 240VAC at max Load
- Leakage Current: 0.25mA Max

Output

- Over voltage protection
- Over current protection
at 110-200% of I_o and Auto-recovery
- Electronic short circuit protection
- Operating temperature 0~35°C free convection
- Operating humidity 10-90% RH Non Condensing
- Sea level Non-operating temperature -20~80°C

Safety Standards

- Information technology equipment
- IEC/EN 60950-1, UL 60950-1, CSA C22.2
No. 60950-1-03, GB4943, K60950

Certificates and Approvals

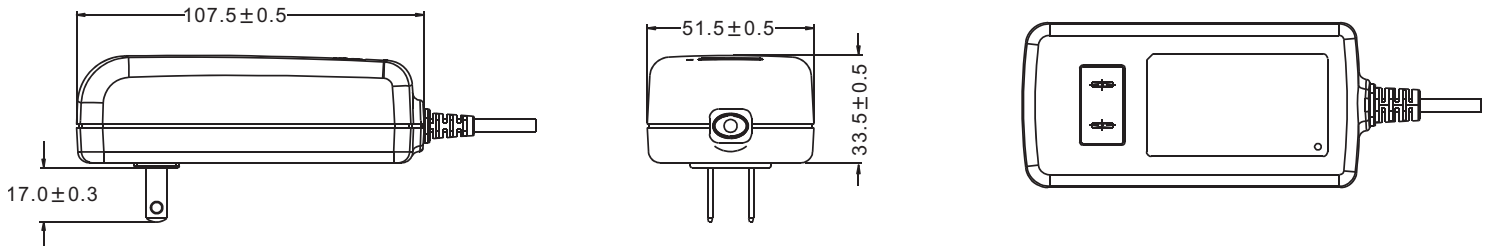
- CB , GS , CE , TUV , UL , CCC , FCC , PSE
C-TICK , KC

EMI Emission

- Radiation Test & Conduction Test: EN 55022/FCC Part 15
- Harmonic Test: EN 61000-3-2
- Flicker Test: EN 61000-3-3

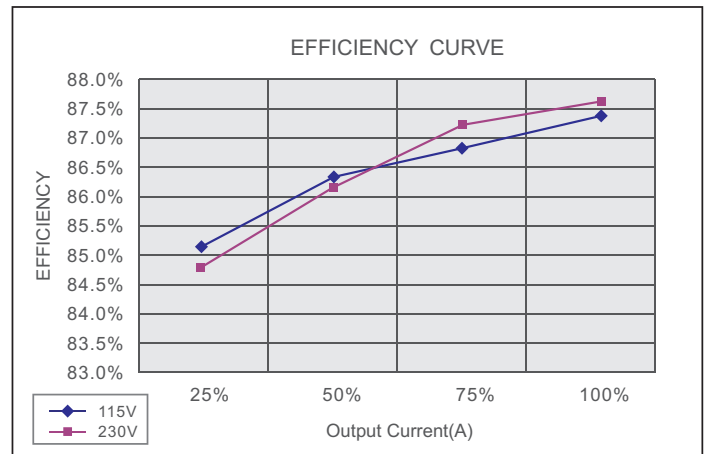
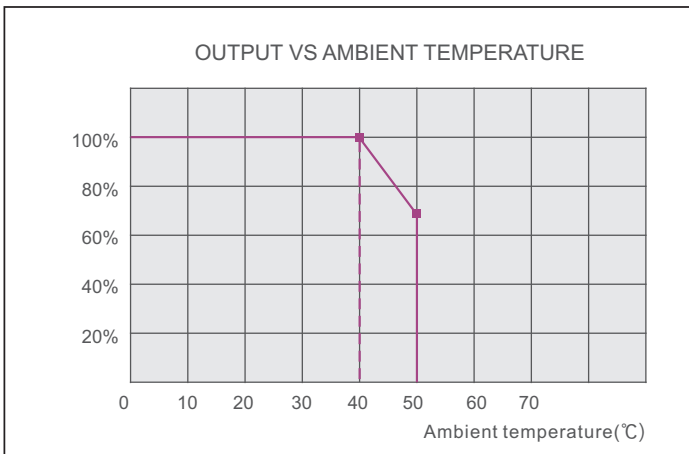
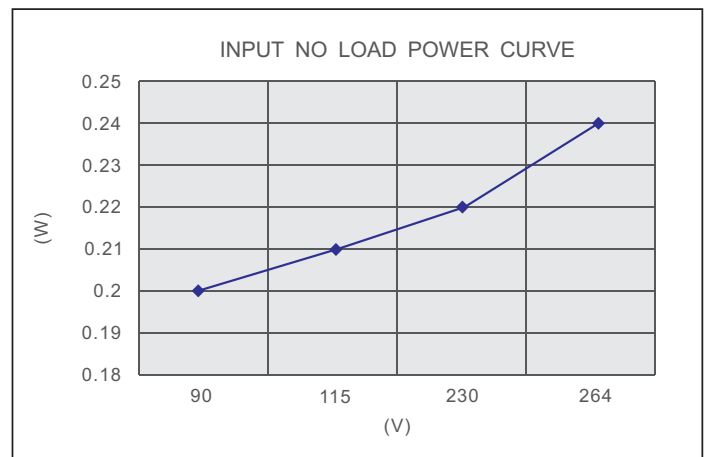
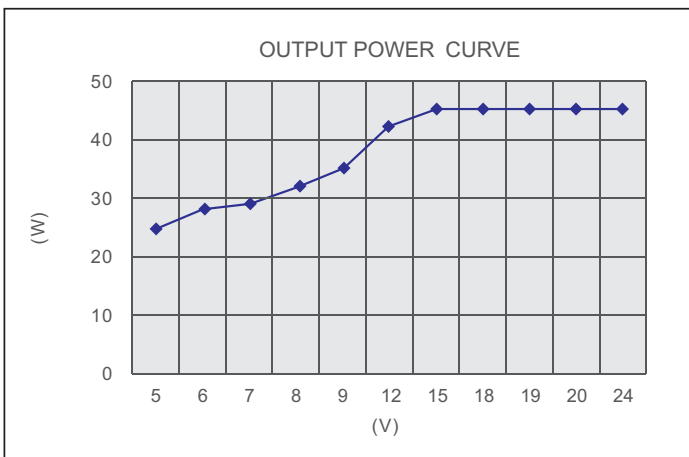
EMS Immunity

- ESD Test: EN 61000-4-2
- RS Test: EN 61000-4-3
- EFT Test: EN 61000-4-4
- Surge Test: EN 61000-4-5
- CS Test: EN 61000-4-6
- DIP Test: EN 61000-4-11



Product Tables for 45W

Voltage	5-7V	7.1-9V	9.1-13.5V	13.6-18.5V	18.6-24VV
Current	4-5A	4-4.2A	3.11-4.0A	2.43-3.1A	1.88-2.43A



Packing & Shipping

Specifications	Number Carton (PCS)	GW (kg)	Net Weight (kg)	Carton Size (mm)	CBM (m ³)	Container (ft)	Boxes Container	Qty Container
UL	60	15.5	12.54	485*300*290	0.0167	20	540	32400
PSE	60	15.5	12.54	485*300*290	0.0167	20	540	32400
CCC	60	15.5	12.54	485*300*290	0.0167	20	540	32400
GS/KC	60	16.2	13.2	545*300*260	0.0167	20	360	21600
UK	60	16.6	13.6	485*300*290	0.0167	20	540	32400