



USB TYPE-C P.D. 45/65 Watt Series

Desktop Type

Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI
No Load Power Consumption Less Than 0.1W

Features :

- IEC/UL 62368-1 & 60950-1
- 100-240VAC Universal Input
- Power Delivery 2.0
- System Control through CC1
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

| Model | O/P Voltage | O/P Current | Watt |
|----------------|-------------|-------------|------|
| USB-C45-1MULTI | 5.0V | 3.00A | 15W |
| | 9.0V | 3.00A | 27W |
| | 12.0V | 3.00A | 36W |
| | 15.0V | 3.00A | 45W |
| | 20.0V | 2.25A | 45W |
| USB-C65-1MULTI | 5.0V | 3.00A | 15W |
| | 9.0V | 3.00A | 27W |
| | 12.0V | 3.00A | 36W |
| | 15.0V | 3.00A | 45W |
| | 19.0V | 3.43A | 65W |
| | 20.0V | 3.25A | 65W |

Input

| | |
|----------------|-------------------------------|
| Voltage | 100-240VAC |
| Line Frequency | 50-60Hz |
| Current | 45W:1.2A Max./ 65W:1.4A Max. |
| Protection | Internal Primary Current Fuse |
| Configuration | IEC60320/C8 |



Output

| | |
|--------------------|------------------------------------------------------------------------------|
| Load Regulation | ±5% (Typical) |
| Ripple | 2% Vp-p Max. for Output Voltage@ Full Load |
| Transient Response | 0.5mS for 50% Load Change Typical |
| Hold-up Time | 10mS @ Full Load |
| Protection | Short Circuit Protection / Over Voltage Protection / Over Current Protection |
| DC Cord | UL2095 |
| Ferrite Core | Yes |

Safety Approvals

USB-C45-1MULTI:
CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM / LPS
USB-C65-1MULTI:
CB / UL / cUL / FCC / GS / CE / PSE / BSMI / LPS

Electrical

| | |
|----------------------|-------------------------------------------------------------------------|
| Topology | Switching Flyback |
| Dielectric Withstand | 3000VAC Primary - Secondary |
| Leakage Current | 0.25mA |
| Efficiency | DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI Certified |
| EMC Standards | EN55032 Class B |
| | EN61000-3-2,3 |
| | EN55024 |
| MTBF | 300,000 Calculated Hours at 25°C, by Telcordia SR-332 |

Environmental

| | |
|-----------------------|----------------------------------------------------|
| Operating Temperature | 0 to + 40°C |
| Storage Temperature | -20 to + 80°C |
| Relative Humidity | Operating : 20 to 80% RH Storage : 10 to 90% RH |
| Cooling | Natural Convection Cooling |

Mechanical

| | |
|----------------|---------------------------------------------|
| Case Dimension | USB-C45-1MULTI: L 99 x W 33 x H 50 (mm) |
| | USB-C65-1MULTI: L 119 x W 60 x H 36 (mm) |
| Weight | USB-C45-1MULTI:190 g (Ref.) |
| | USB-C65-1MULTI:285 g (Ref.) |

