

45W Industrial Power Supply

Q45C-Wall Mount Type
4-20V Max. 45W



SAFETY APPROVALS | UL ,cUL ,CE ,TUVGS ,CB ,FCC ,PSE

FEATURES

100-240VAC Universal Input
Meet CEC, Energy Star 3.0 (EPA/DOE—Level VI)
UK/EU/US/AU interchangeable AC plugs
3 Years Warranty

Model	O/P Voltage	O/P Current	Watt	Model	O/P Voltage	O/P Current	Watt
Q45C-120003000	12.0V	3A	36W	Q45C-190002370	19.0V	2.37A	45W
Q45C-150003000	15.0V	3A	45W	Q45C-200002250	20.0V	2.25A	45W
Q45C-190002100	19.0V	2.1A	45W				

INPUT CHARACTERISTICS

Rated Input Voltage ----- 100-240V AC
Rated Frequency ----- 50/60Hz
Steady AC Current ----- 1.1A(Max) Measured at 100Vac input
Inrush Current ----- Less than 50A
Empty Loaded Wasting ----- 75mW

SAFETY STANDARDS

LVD ----- UL62368-1/UL60950-1
IEC62368-1/IEC60950-1 EN62368-1
EMC & EMI ----- EN55032 EN55024 EN61000-3-2
EN61000-3-3

RELIABILITY ITEMS

Hi-Pot Test ----- AC 3000V1min between
input plug-DC plug
Leakage Current ----- 0.25mA max at nominal AC input voltage
and frequency
Temperature Rise ----- Case surface rise 95°C or less

OUTPUT CHARACTERISTICS

Power ----- 45W MAX
Load Regulation ----- ±5%
Turn on delay time ----- 3s Max at AC 115V, Max output load
Hold up time ----- 5ms Min at AC 115V, Max output load
Rise up time ----- 40ms Max at AC 115V, Max output load
Efficiency ----- Meet CEC, Energy Star 3.0
(EPA/DOE—Level VI)

PROTECTION

Over Voltage Protection ----- Auto Recovery
Short Circuit Protection ----- Auto Recovery
Over Current Protection ----- Auto Recovery
Protection Class ----- Class II

ENVIRONMENTAL

Operation Temperature ----- -10 °C – 40 °C
Storage Temperature ----- -25 °C – 70 °C
Operation Humidity ----- 5%(0°C) ~ 90%(40°C)
Storage Humidity ----- 5%~ 95%

MECHANICALS

<p>Cable UL1185 18AWG 20AWG, 1750mm</p>		<p>Case Dimension Weight</p> <table border="1"> <tr> <td rowspan="4" style="text-align: center; vertical-align: middle;"> L59.5*W59.5* H28.5mm </td> <td>EU(V) 160g (Ref.)</td> </tr> <tr> <td>UK(B) 165g (Ref.)</td> </tr> <tr> <td>US(U) 160g (Ref.)</td> </tr> <tr> <td>AU(S) 160g (Ref.)</td> </tr> </table>	L59.5*W59.5* H28.5mm	EU(V) 160g (Ref.)	UK(B) 165g (Ref.)	US(U) 160g (Ref.)	AU(S) 160g (Ref.)
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