AC-DC POWER SUPPLIES SELECTOR GUIDE

XP Power

3W to 10W

VCE03
- 3 Watts
- 1.60" x 0.75" x 0.75"
- PCB Mount
- 85-305 VAC Input
- Class II

ECE05
- 5 Watts
- 1.00" x 1.00" x 0.60"
- PCB Mount
- <0.3W Standby Power
- Class II

VCE05
- 5 Watts
- 1.30" x 1.10" x 0.75"
- PCB Mount
- Low Cost
- Class II

EME05
- 5 Watts
- 1.50" x 1.00" x 0.60"
- PCB Mount
- Encapsulated/Open-frame
- Class II

ECL05/10
- 5/10 Watts
- 2.00" x 1.00" x 0.90"
- PCB & Chassis Mount
- Peak Load Capability
- Class II

ECE10
- 10 Watts
- 1.50" x 1.00" x 0.60"
- PCB Mount
- <0.3W Standby Power
- Class II

VCE10
- 10 Watts
- 2.00" x 1.15" x 0.90"
- PCB Mount
- 85-305 VAC Input
- Class II

15W to 35W

ECL15
- 15 Watts
- 2.44" x 1.21" x 0.95"
- PCB & Chassis Mount
- Single & Multi Outputs
- Class II

EML15
- 15 Watts
- 2.44" x 1.21" x 0.95"
- PCB & Chassis Mount
- Peak Load Capability
- Class II

ECE20
- 20 Watts
- 2.06" x 1.07" x 0.91"
- PCB Mount
- Encapsulated
- Class II

VCE20
- 20 Watts
- 2.60" x 1.30" x 0.92"
- PCB Mount
- 85-305 VAC Input
- Class II

ECL25/30
- 25/30 Watts
- 2.96" x 1.36" x 1.05"
- PCB & Chassis Mount
- Single & Multi Outputs
- Class II

EML30
- 30 Watts
- 2.96" x 1.36" x 1.05"
- PCB & Chassis Mount
- Peak Load Capability
- Class II

LCS35
- 35 Watts
- 3.90" x 3.23" x 1.18"
- Approved to EN61558-2-16
- Conformal Coating Option
- Low Cost

40W to 50W

ECF40
- 40 Watts
- 3.00" x 1.50" x 1.10"
- Low Profile
- <0.15W No Load Power
- Class I & II

ECE40
- 40 Watts
- 3.10" x 1.50" x 1.10"
- PCB & Chassis Mount
- <0.3W No Load Power
- Class II

ECP40
- 40 Watts
- 3.00/3.50" x 2.00" x 0.90"
- Low Profile
- Single/Multi Outputs
- Peak Load Capability

FCS40
- 40 Watts
- 3.00" x 2.00" x 1.03"
- 2 x MOPP
- <0.3W No Load Power
- Class I & II

VCE40
- 40 Watts
- 3.46" x 1.50" x 1.12"
- PCB Mount
- 85-305 VAC Input
- Class II

LCS50
- 50 Watts
- 3.90" x 3.23" x 1.18"
- Approved to EN61558-2-16
- Conformal Coating Option
- Low Cost

60W to 65W

ECS60
- 60 Watts
- 3.00" x 2.00" x 1.05"
- Low Leakage Current
- <0.5W No Load Power
- Class I & II

ECP60
- 60 Watts
- 4.00" x 2.00" x 1.20"
- Single & Multi Outputs
- Peak Load Capability
- <0.5W No Load Power

ECE60
- 60 Watts
- 3.60" x 1.50" x 1.10"
- PCB & Chassis Mount
- <0.3W No Load Power
- Class II

FCS60
- 60 Watts
- 4.00" x 2.00" x 1.04"
- 2 x MOPP
- <0.15W No Load Power
- Class I & II

ECS65
- 65 Watts
- 4.00" x 2.00" x 1.05"
- Low Leakage Current
- <0.5W No Load Power
- Class I & II

75W to 110W

ASB75
- 75 Watts
- Half Brick Package
- Baseplate-cooled
- No External Components
- Optional Heatsink

LCS75
- 75 Watts
- 3.90" x 3.82" x 1.18"
- Approved to EN61558-2-16
- Conformal Coating Option
- Low Cost

ECE80
- 80 Watts
- 3.60" x 1.80" x 1.10"
- PCB & Chassis Mount
- <0.3W No Load Power
- Class II

LCE80
- 80 Watts
- 4.00" x 2.00" x 1.10"
- Constant V & I Modes
- Harmonics Class C >50W
- Class I & II

ECS100
- 100 Watts
- 4.00" x 2.00" x 1.25"
- Low Profile
- <0.5W No Load Power
- Class I & II

LCS100
- 100 Watts
- 5.08" x 3.82" x 1.18"
- Approved to EN61558-2-16
- Conformal Coating Option
- Low Cost

ASB110
- 110 Watts
- Full Brick Package
- Baseplate-cooled
- No External Components
- Optional Heatsink

130W to 180W

ECP130
- 130 Watts
- 100W Convection-cooled
- 3.00" x 2.00" x 1.10"
- Low Profile
- Up to 95% Efficiency

ECS130
- 130 Watts
- 100W Convection-cooled
- 4.00" x 2.00" x 1.25"
- <0.5W No Load Power
- Class I & II

EPL150
- 150 Watts
- 100W Convection-cooled
- 4.00" x 2.00" x 0.99"
- Medical BF Compliant
- Class I & II

GCS150
- 150 Watts
- 110W Convection-cooled
- 5.00" x 3.00" x 1.42"
- Fan Cover Options
- Class I & II

ECP180
- 180 Watts
- 120W Convection-cooled
- 4.00" x 2.00" x 1.00"
- Up to 95% Efficiency
- Class I & II

GCS180
- 180 Watts
- 150W Convection-cooled
- 5.00" x 3.00" x 1.42"
- Fan Cover Options
- Class I & II

UCP180
- 180 Watts
- 120W Convection-cooled
- 4.24" x 2.47" x 1.16"
- Medical BF Compliant
- 12V/0.5A Fan Output

225W to 265W

EPL225
- 225 Watts
- 150W Convection-cooled
- 4.00" x 2.00" x 1.26"
- Medical BF Compliant
- Class I & II

ECP225-A
- 225 Watts
- 150W Convection-cooled
- 5.00" x 3.00" x 1.00"
- Low Profile
- 5V/2A Standby

UCP225
- 225 Watts
- 150W Convection-cooled
- 5.00" x 3.12" x 1.18"
- -40°C Operation
- 5V/2A Standby Option

CMP250
- 250 Watts
- 500W Peak up to 60s
- 7.50" x 4.00" x 1.57"
- Medical BF Compliant
- Remote On/Off

GCS250
- 250 Watts
- 180W Convection-cooled
- 5.00" x 3.00" x 1.42"
- Fan Cover Options
- Class I & II

GCS265
- 265 Watts
- 180W Convection-cooled
- 5.00" x 3.50" x 1.43"
- 5V/3A Standby
- Class I & II

350W to 500W

GCS350
- 350 Watts
- 200W Convection-cooled
- 5.00" x 3.00" x 1.42"
- Fan Cover Options
- Remote On/Off

SMP350
- 350 Watts
- 7.00" x 3.60" x 1.70"
- Integral Fan
- Low Leakage Current
- Remote On/Off

ECH450
- 450 Watts
- 250W Convection-cooled
- 5.00" x 3.00" x 1.42"
- Medical BF Compliant
- Remote On/Off

GCU500
- 500 Watts
- 250W Convection-cooled
- 6.50" x 3.30" x 1.55"
- Class B Emissions
- Low Leakage Current

GSP500
- 500 Watts
- 650W Peak for 100ms
- 180W Convection-cooled
- 6.00" x 4.00" x 1.65"
- <0.5W Standby Power

PBR500
- 500 Watts
- 400W Convection-cooled
- 7.00" x 4.00" x 1.70"
- Medical BF Compliant
- Remote On/Off

PBL500
- 500 Watts
- 250W Convection-cooled
- 7.10" x 4.21" x 1.56"
- Medical BF Compliant
- Class II

600W to 750W

CCH600
- 600 Watts
- 8.43" x 4.02" x 1.69"
- Industrial & MIL-STD
- Baseplate-cooled
- Fanless Operation

UCH600
- 600 Watts
- 8.00" x 5.00" x 1.57"
- Medical BF Compliant
- Convection-cooled
- Fanless Operation

MHP650
- 650 Watts
- 9.18" x 4.00" x 2.50"
- Mechanical Options
- Low Leakage Current
- Remote On/Off

SHP650
- 650 Watts
- 9.18" x 4.00" x 2.50"
- Mechanical Options
- Low Leakage Current
- Remote On/Off

PBR650
- 650 Watts
- 900W Peak for 100ms
- 10.00" x 4.00" x 1.65"
- 2 x MOPP
- Remote On/Off

GSP750
- 750 Watts
- 900W Peak for 100ms
- 10.00" x 4.00" x 1.65"
- 2 x MOPP
- Remote On/Off

800W to 1.5kW

HDS800
- 800 Watts
- 9.80" x 5.00" x 1.61"
- Programmable V & I
- Analog & Digital Interfaces
- Graphical User Interface

MHP1000
- 1000 Watts
- 1200W High Line
- 9.55" x 5.90" x 2.40"
- Single Output
- Remote On/Off

SHP1000
- 1000 Watts
- 1200W High Line
- 9.55" x 5.90" x 2.40"
- Single Output
- Remote On/Off

GFR1K5
- 1500 Watts
- 11.80" x 4.00" x 1.70"
- 1U Hot Swap
- I^2C Interface
- Current Share & Signals

HPA1K5
- 1500 Watts
- 11.0" x 4.20" x 1.64"
- Programmable V & I
- Analog & Digital Interfaces
- Graphical User Interface

HDS1500
- 1500 Watts
- 12.32" x 5.00" x 2.50"
- Programmable V & I
- Analog & Digital Interfaces
- Graphical User Interface

3kW to 5kW

HDS3000
- 3000 Watts
- 14.41" x 5.00" x 5.00"
- Programmable V & I
- Analog & Digital Interfaces
- Graphical User Interface

HDL3000
- 3000 Watts
- 12.48" x 6.69" x 2.50"
- Programmable V & I
- Analog & Digital Interfaces
- Outputs: 12 - 60VDC

HDL3000HV
- 3000 Watts
- 11.87" x 6.69" x 2.52"
- Programmable V & I
- Analog & Digital Interfaces
- Outputs: 150 - 400VDC

HPT5K0
- 5000 Watts
- 13.00" x 5.00" x 5.00"
- Programmable V & I
- Analog & Digital Interfaces
- 3 Phase 342 - 528VAC

HPT5K0-L
- 5000 Watts
- 13.25" x 10.0" x 2.50"
- Programmable V & I
- Analog & Digital Interfaces
- 3 Phase 342 - 528VAC

HPL5K0
- 5000 Watts
- 13.0" x 5.00" x 5.00"
- Programmable V & I
- Analog & Digital Interfaces
- 3 Phase 180 - 264VAC

CONFIGURABLE

nanofleX
- 850 - 1200 Watts
- Low 1U Profile
- 1 - 4 Outputs
- Programmable V & I
- Analog & Digital Interfaces

fleXPower X & XM4, 5 & 7
- 400 - 900 Watts
- 10.00" x 5.00" x 2.50"
- 1 - 10 Outputs
- SEMI F47 Compliant
- Fan Control Option

fleXPower X & XM9
- 900 - 1100 Watts
- 10.00" x 6.00" x 2.50"
- 1 - 12 Outputs
- SEMI F47 Compliant
- Fan Control Option

fleXPower X & XM10
- 1000 - 1200 Watts
- 10.00" x 7.00" x 2.50"
- 1 - 14 Outputs
- SEMI F47 Compliant
- Fan Control Option

fleXPower X & XM15
- 1500 - 2500 Watts
- 11.00" x 5.00" x 5.00"
- 1 - 20 Outputs
- SEMI F47 Compliant
- Fan Control Option

fleXPower XT16
- 1600 Watts
- 11.00" x 7.00" x 2.50"
- 1 - 14 Outputs
- 3 Phase 342 - 528VAC
- Fan Speed Control

fleXPower XTL15 & 30
- 1500 & 3000 Watts
- 15: 11.00" x 7.00" x 2.50"
- 30: 12.50" x 5.00" x 5.00"
- 3 Phase 180 - 264VAC
- Up to 10 Outputs

⊕ = Medical version available

🏠 = Household appliance approval

AC-DC EXTERNAL, DIN RAIL & BENCH/RACK MOUNT SELECTOR GUIDE

XP Power

External

5W to 12W

VEL05
- 5 Watts
- 2.17" x 1.40"x 0.95"
- Level VI & CoC Tier 2
- LPS Approved
- Low Cost

VER05
- 5 Watts
- 2.16" x 1.45" x 1.69"
- Level VI & CoC Tier 2
- LPS Approved
- Changeable Input Plugs

ACM06 ⊕
- 6 Watts
- 2.89" x 1.67" x 1.21"
- Level VI & CoC Tier 2
- 2 x MOPP
- Optional White Case

VEU10
- 2.1A USB A Socket
- 1.45" x 0.86" x 2.0"
- Level VI & CoC Tier 2
- Low Cost
- Class II

ACM12 ⊕
- 12 Watts
- 2.99" x 1.19" x 1.91"
- Level VI & CoC Tier 2
- 2 x MOPP
- Optional White Case

VEL12
- 12 Watts
- 2.99" x 1.16" x 1.55"
- Level VI & CoC Tier 2
- LPS Approved
- Low Cost

VER12
- 12 Watts
- 3.01"x 1.61" x 1.48"
- Level VI & CoC Tier 2
- LPS Approved
- Changeable Input Plugs

15W to 18W

AEK15
- 15 Watts
- 3.58" x 1.50" x 1.42"
- Level VI & CoC Tier 2
- <0.075W Standby Power
- Class I

ACM18 ⊕
- 18 Watts
- 3.46" x 1.18" x 1.95"
- Level VI & CoC Tier 2
- 2 x MOPP
- Optional White Case

VEL18
- 18 Watts
- 3.54" x 1.34" x 1.87"
- Level VI & CoC Tier 2
- LPS Approved
- Low Cost

VER18
- 18 Watts
- 3.01" x 1.61" x 1.48"
- Level VI & CoC Tier 2
- LPS Approved
- Changeable Input Plugs

VET18
- 18 Watts
- 4.21" x 1.71" x 1.22"
- Level VI & CoC Tier 2
- LPS Approved
- Low Cost

24W to 30W

ACM24 ⊕
- 24 Watts
- 3.46" x 1.18" x 2.24"
- Level VI & CoC Tier 2
- 2 x MOPP
- Optional White Case

VEL24
- 24 Watts
- 3.54" x 1.34" x 1.87"
- Level VI & CoC Tier 2
- LPS Approved
- Low Cost

VER24
- 24 Watts
- 3.54" x 1.69" x 1.68"
- Level VI & CoC Tier 2
- LPS Approved
- Changeable Input Plugs

VET24
- 24 Watts
- 4.21" x 1.71" x 1.22"
- Level VI & CoC Tier 2
- LPS Approved
- Low Cost

VET30
- 30 Watts
- 4.53" x 1.89" x 1.28"
- Level VI & CoC Tier 2
- LPS Approved
- Low Cost

36W

ACM36 ⊕
- 36 Watts
- 3.81" x 1.30" x 2.34"
- Level VI & CoC Tier 2
- 2 x MOPP
- Optional White Case

AEJ36
- 36 Watts
- 4.37" x 2.01" x 0.78"
- Level VI & CoC Tier 2
- 5V to 48V Outputs
- Class II

AKM36 ⊕
- 36 Watts
- 4.25" x 1.97" x 1.33"
- Level VI & CoC Tier 2
- 2 x MOPP
- Optional White Case

VEL36
- 36 Watts
- 3.70" x 1.38" x 1.83"
- Level VI & CoC Tier 2
- LPS Approved
- Low Cost

VER36
- 36 Watts
- 3.72" x 1.85" x 1.71"
- Level VI & CoC Tier 2
- LPS Approved
- Low Cost

VET36
- 36 Watts
- 4.53"x 1.89" x 1.28"
- Level VI & CoC Tier 2
- LPS Approved
- Low Cost

40W to 60W

AEK40
- 40 Watts
- 4.21" x 1.85" x 1.19"
- Level VI & CoC Tier 2
- 5V to 48V Outputs
- Class I

VEC40
- 40 Watts
- 4.58" x 2.06" x 1.23"
- Level VI & CoC Tier 2
- CCC Qualified
- LPS Approved

AKM45 ⊕
- 45 Watts
- 4.82" x 2.02" x 1.24"
- Home Healthcare Approval
- 2 x MOPP
- Optional White Case

AEJ50
- 50 Watts
- 4.72" x 2.05" x 1.22"
- Level VI & CoC Tier 2
- 65°C Operation
- Class I

VEC50
- 50 Watts
- 4.58" x 2.06" x 1.23"
- Level VI & CoC Tier 2
- CCC Qualified
- LPS Approved

AEK60
- 60 Watts
- 4.65" x 1.85" x 1.19"
- Level VI & CoC Tier 2
- <0.15W Standby Power
- Class I

65W to 85W

AKM65 ⊕
- 65 Watts
- 4.92" x 2.45" x 1.34"
- Home Healthcare Approval
- 2 x MOPP
- Optional White Case

ALM65 ⊕
- 65 Watts
- 4.94" x 2.19" x 1.32"
- Level VI
- 2 x MOPP
- Class I & II Versions

VEC65
- 65 Watts
- 4.58" x 2.06" x 1.23"
- Level VI & CoC Tier 2
- CCC Qualified
- LPS Approved

AEJ70
- 70 Watts
- 4.72" x 2.05" x 1.22"
- Level VI & CoC Tier 2
- 65°C Operation
- Class I

ALM85 ⊕
- 85 Watts
- 5.31" x 2.44" x 1.45"
- Level VI & CoC Tier 2
- 2 x MOPP
- IP32 Rating

90W to 120W

VES90
- 90 Watts
- 5.47" x 2.28" x 1.22"
- Level VI & CoC Tier 2
- CCC Qualified
- Low Cost

AKM90 ⊕
- 90 Watts
- 5.96" x 2.36" x 1.46"
- CoC Tier 2, EU2019/1782
- 2 x MOPP
- Class I & II Versions

AJM90 ⊕
- 90 Watts
- 5.51" x 2.80" x 0.87"
- Level VI
- Very Low Profile
- Class II

AEJ100
- 100 Watts
- 5.59" x 2.28" x 1.48"
- Level VI & CoC Tier 2
- 65°C Operation
- Active PFC

ALM120 ⊕
- 120 Watts
- 6.61" x 2.80" x 1.48"
- Level VI & CoC Tier 2
- CCC Qualified
- 2 x MOPP

VES120
- 120 Watts
- 6.61" x 2.80" x 1.48"
- Level VI & CoC Tier 2
- CCC Qualified
- Low Cost

150W to 220W

ALM150 ⊕
- 150 Watts
- 7.32" x 2.84" x 1.49"
- Home Healthcare Approval
- IP32 Rating
- Class I & II Versions

VES150
- 150 Watts
- 6.66" x 2.79" x 1.56"
- Level VI & CoC Tier 2
- CCC Qualified
- Low Cost

VES180
- 180 Watts
- 7.77" x 3.50" x 1.53"
- Level VI & CoC Tier 2
- CCC Qualified
- Low Cost

ALM200 ⊕
- 200 Watts
- 8.23" x 3.32" x 1.69"
- Home Healthcare Approval
- IP32 Rating
- Class I & II Versions

VES220
- 220 Watts
- 7.77" x 3.50" x 1.53"
- Level VI & CoC Tier 2
- CCC Qualified
- Low Cost

250W to 300W

AHM250 ⊕
- 250 Watts
- 8.80" x 3.48" x 1.46"
- Level V
- IP22 Rating
- Low Profile

VES255
- 255 Watts
- 7.77" x 3.50" x 1.53"
- Level VI & CoC Tier 2
- CCC Qualified
- Low Cost

VES300
- 300 Watts
- 7.77" x 3.50" x 1.53"
- Level VI & CoC Tier 2
- CCC Qualified
- Low Cost

⊕ = Medical version available

DIN Rail Mount

5W to 70W

DNR05-60
- 5 - 60 Watts
- Slim Design
- ANSI/ISA 12.12.01
- UL508 Approved
- Wide Output Adjustment

DRC30
- 30 Watts
- Low Profile Design
- 4kVAC I/O Isolation
- I/P Surge 300VAC for 5s
- Class II

DPC30-70
- 30/50/70 Watts
- Ultra Slim Design
- UL508 Approved
- Wide Output Adjustment
- <0.3W No Load Power

ECE40/60
- 40/60 Watts
- DIN Rail Option
- Peak Load Capability
- <0.3W No Load Power
- Class II

DRC60
- 60 Watts
- Low Profile Design
- 4kVAC I/O Isolation
- I/P Surge 300VAC for 5s
- Class II

75W to 480W

DSR75-240
- 75/120/240 Watts
- Ultra Slim Design
- 150% Peak Load
- DC OK Signal
- Parallel Operation

ECE80
- 80 Watts
- DIN Rail Option
- Peak Load Capability
- <0.3W No Load Power
- Class II

DRC100
- 100 Watts
- Low Profile Design
- 4kVAC I/O Isolation
- I/P Surge 300VAC for 5s
- Class II

DNR120-480
- 120/240/480 Watts
- ANSI/ISA 12.12.01
- UL508 Approved
- Wide Output Adjustment
- DC Standby Versions

3 PHASE

DNR120TS
- 120 Watts
- 3 Phase Input
- ANSI/ISA 12.12.01
- UL508 Approved
- Wide Output Adjustment

DNR240TS
- 240 Watts
- 3 Phase Input
- ANSI/ISA 12.12.01
- UL508 Approved
- Wide Output Adjustment

DNR480TS
- 480 Watts
- 3 Phase Input
- ANSI/ISA 12.12.01
- UL508 Approved
- Wide Output Adjustment

DNR960TS
- 960 Watts
- 3 Phase Input
- ANSI/ISA 12.12.01
- UL508 Approved
- Wide Output Adjustment

Bench/Rack Mount

600W

PLS600
- 600 Watts
- Programmable
- Outputs up to 400VDC
- Dynamic V & I Controls
- Analog & Digital Interfaces
- LXI certified

1.5kW

PLS1500
- 1500 Watts
- Programmable
- Outputs up to 400VDC
- Dynamic V & I Controls
- Analog & Digital Interfaces
- LXI certified