

Advanced Power System

Configurable Power Distribution



The APS delivers a versatile and energy-efficient solution to some of the industry's most annoying power distribution problems.

Each individual circuit can be sequentially soft-started by a user-programmed delay, eliminating the large inrush and earth leakage currents associated with the sudden start-up of a large array of equipment.

Likewise, multiple APS units can be cascaded so that the next sequenced unit will not start its automatic start-up sequence until the previous unit has finished. As added insurance, the APS can detect "dropped" Neutrals and immediately shutdown all outputs, preventing possible large-scale damage to connected equipment.

Available in 12-channel or 6-channel variants with various output capacities and connector types, the APS is equally at home in a portable 19" rackmount configuration or a handy wallmount chassis for permanent installations.

The APS is ideal for powering moving lights, video screens or audio power amplifiers – in fact any situation where controlled power distribution is needed.



Order Codes

Rackmount Models – 12Ch x 10A

APS12/10A	APS Rackmount Power Distribution 12Ch x 10A – RCBO, 19" 3RU, 12 x 10A 3-pin Australian outputs, 3-phase tail and 32A plug
APS12/10P	APS Rackmount Power Distribution 12Ch x 10A – RCBO, 19" 3RU, 12 x powerCON outputs, 3-phase tail
APS12/10S	APS Rackmount Power Distribution 12Ch x 10A – RCBO, 19" 3RU, 12 x CEE7 outputs, 3-phase tail
APS12/10T	APS Rackmount Power Distribution 12Ch x 10A – RCBO, 19" 3RU, hardwired
APS12/10W	APS Rackmount Power Distribution 12Ch x 10A – RCBO, 19" 3RU, 2 x 16-pin Wieland outputs, 3-phase tail
APS12/10X	APS Rackmount Power Distribution 12Ch x 10A – RCBO, 19" 3RU, 2 x 19-pin Socapex outputs, 3-phase tail

Rackmount Models – 12Ch x 16A (not available for sale in Australia/NZ)

APS12/16P	APS Rackmount Power Distribution 12Ch x 16A – RCBO, 19" 3RU, 12 x powerCON outputs, 3-phase tail
APS12/16S	APS Rackmount Power Distribution 12Ch x 16A – RCBO, 19" 3RU, 12 x CEE7 outputs, 3-phase tail
APS12/16T	APS Rackmount Power Distribution 12Ch x 16A – RCBO, 19" 3RU, hardwired
APS12/16W	APS Rackmount Power Distribution 12Ch x 16A – RCBO, 19" 3RU, 2 x 16-pin Weiland outputs, 3-phase tail
APS12/16X	APS Rackmount Power Distribution 12Ch x 16A – RCBO, 19" 3RU, 2 x 19-pin Socapex outputs, 3-phase tail

Rackmount Models – 6Ch x 25A

APS6/25A	APS Rackmount Power Distribution 6Ch x 25A – RCBO, 19" 3RU, 6 paired 20A/15A 3-pin Australian outputs, 3-phase tail and 40A plug
APS6/25T	APS Rackmount Power Distribution 6Ch x 25A – RCBO, 19" 3RU, hardwired

Wallmount Models – 12Ch x 10A

APW12/10A	APS Wallmount Power Distribution 12Ch x 10A – RCBO, 12 x 10A 3-pin Australian outputs, screw terminal input for mains connection
APW12/10T	APS Wallmount Power Distribution 12Ch x 10A – RCBO, hardwired

Wallmount Models – 6Ch x 25A

APW6/25A	APS Wallmount Power Distribution 6Ch x 25A – RCBO, 6 paired 20A/15A 3-pin Australian outputs, screw terminal input for mains connection
APW6/25T	APS Wallmount Power Distribution 6Ch x 25A – RCBO, hardwired

Options

- > Adaptor brackets for rackmount models to mount in Roobar frames
- > Hanging brackets for wallmount models to mount on Unistrut frames
- > 3-phase tail and plug for wallmount models

Features

- > Staggered start of outputs to reduce main circuit breaker nuisance tripping
- > Cascading start-up for individual units via link cabling and/or based on unit number
- > RCBO per channel with true relay switching – not solid state
- > 3.2" colour graphical LCD touchscreen with intuitive menu control
- > Control and remote monitoring via RDM or Houston-X
- > Control via input and output contact closure (GPI) or DMX512
- > Manual override via front-panel controls
- > Four configurable channel modes – Always On, Always Off, DMX Relay and Standard APS Mode (sequential start-up)
- > Mains zero-cross switching to reduce nuisance tripping of breakers
- > CE (European) and RCM (Australian) approved
- > Two-year warranty
- > Designed and manufactured in Australia by LSC – an Australian-owned company with over 30 years' experience in developing world-first DMX512 products

Technical specifications

- > Model range – 12 circuit with 10A or 16A rated outputs and 6 circuit with 25A rated outputs
- > Control input – DMX512 (1990), DMX512-A (E1-11) and RDM (E1-20) via front-panel 5-pin XLR in and thru connectors
- > Power supply – nominal 110-240V AC, 3-phase star, 50-60Hz with an operating range typically 90-260V AC, 45-65Hz
- > Monitoring of supply input RMS voltage, frequency and RMS current per phase
- > Programmable input supply over-voltage and under-voltage trip levels to protect loads
- > DMX512 control mode allows individual DMX control of each relay channel via a 512-channel Softpatch
- > Automatic power on/off of circuits when a DMX512 signal is detected – signal presence turns outputs on and loss of signal turns outputs off after a preset time delay

Hardware

APS – rackmount power distribution unit

Dimensions: 483mm (w) x 300mm (d) x 132mm (h)

Weight: 16kg

APW – wallmount power distribution unit

Dimensions: 490mm (w) x 270mm (d) x 250mm (h)

Weight: 18kg



Open your camera and hover your phone over the QR code to view this product online.
aps.lsccontrol.com.au



Contact us

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