Power Shield®

DC Mini

12V DC, 18W Plugpack UPS

The **PowerShield DC Mini** is designed to provide emergency power backup to all kinds of DC powered equipment including routers, modems, set top boxes, VOIP phone systems, surveillance equipment, alarm systems and many criti-cal telecommunications devices.

DC Mini can economically provide hours of operation during power failure.

Feature Summary

- Built in user replaceable Li-ion battery
- Auto start when plugged in
- Multi-colour indicator
- Embedded Micro-controller
- Manual power off switch port
- Overload, short-circuit, over-charge and over-discharge protection
- Supplied with a wide range of power connectors including Molex

Applications

Routers/ Modems

Security Systems

VOIP Phone Systems

Chorus ONT

Surveillance Systems

Typical Backup Times

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Typical Small Router (3W)	150 minutes
Typical Medium Router (9W)	49 minutes

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Power Connectors included

- Complete set of DC Power Jack tip adaptors allowing simple connection to all devices using DC powered jack sockets, such as modems, phones etc.

- Molex connector as used by many popular ONT (Optical Network Terminal) devices.

PowerShield Mini UPS

PRODUCT CODE	PSDCMin12/18
AC INPUT	
Voltage Range	90 V AC ~ 265 V AC
Frequency	50Hz or 60Hz
Surge Protection	125J @ 4500A
DC OUTPUT	
Voltage	12 V DC ± 5%
Maximum Power	18W (1.5A)
BATTERY	
Battery Type	Lithium-ion Battery
Voltage	3.7 V DC
Capacity	2600 mAh
Typical Charging Time	3 hours recover to 90% capacity
PROTECTION	
Battery	Deep Discharge, Over-Charge and Short Circuit Protection.
Input / Output	Fuse for Short Circuit and Overload Protection

INDICATORS		
Multi-colour LED Display	Full Battery	**Green** - Solid
	Battery Charging	**Green** - Slow flashing
	Battery Discharging	**Green** - Quick Flashing
	Fault	**Red** - Solid

PHYSICAL	
Dimensions (D x W x H)	78 x 42 x 74mm
Net Weight	280g