

## point2point PowerSleeve

- Lower cost option for battery powering all *point2point* plug in modules
- Up to 9Ah available giving >50 hours continuous operation
- Local on/off control to save battery life
- Optional remote on/off control over separate fibre link
- Allows location of *point2point* modules where galvanic isolation is required
- Compatible with existing PPM NiMH battery chargers

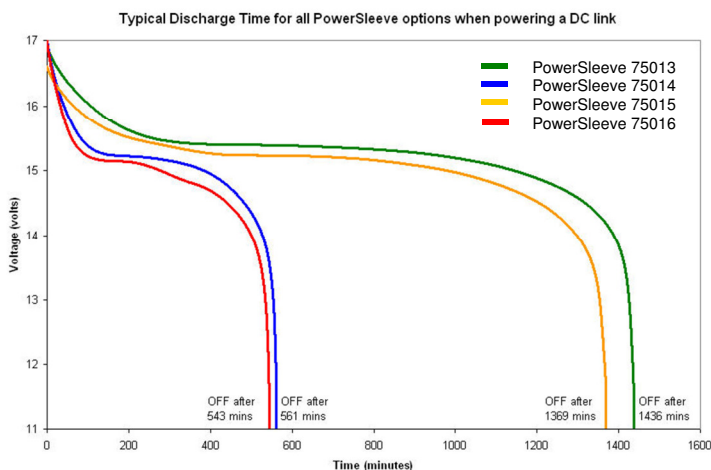
### Power Management Technology

The PowerSleeve has been developed by PPM to allow the complete range of AC and DC *point2point* fibre optic plug in modules to be battery powered. Now users have the ability to take standard transmit or receive modules and fit it into the PowerSleeve instead of relying on mains power. This option is particularly important when locating *point2point* modules in remote locations that have limited access, where galvanic isolation is required or where no mains power supply is present.

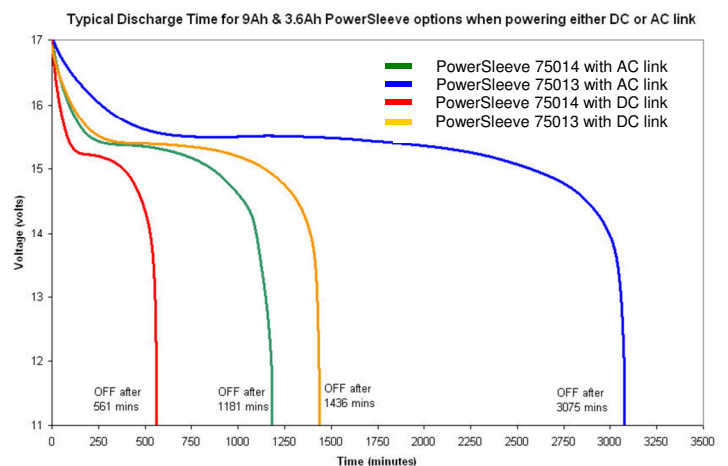
When used in combination with the PPM Battery Switch Controller it is possible to control the on/off status of modules in a PowerSleeve from a local control rack, reducing the recharge frequency. Standard PPM NiMH battery chargers are used to recharge the PowerSleeve.



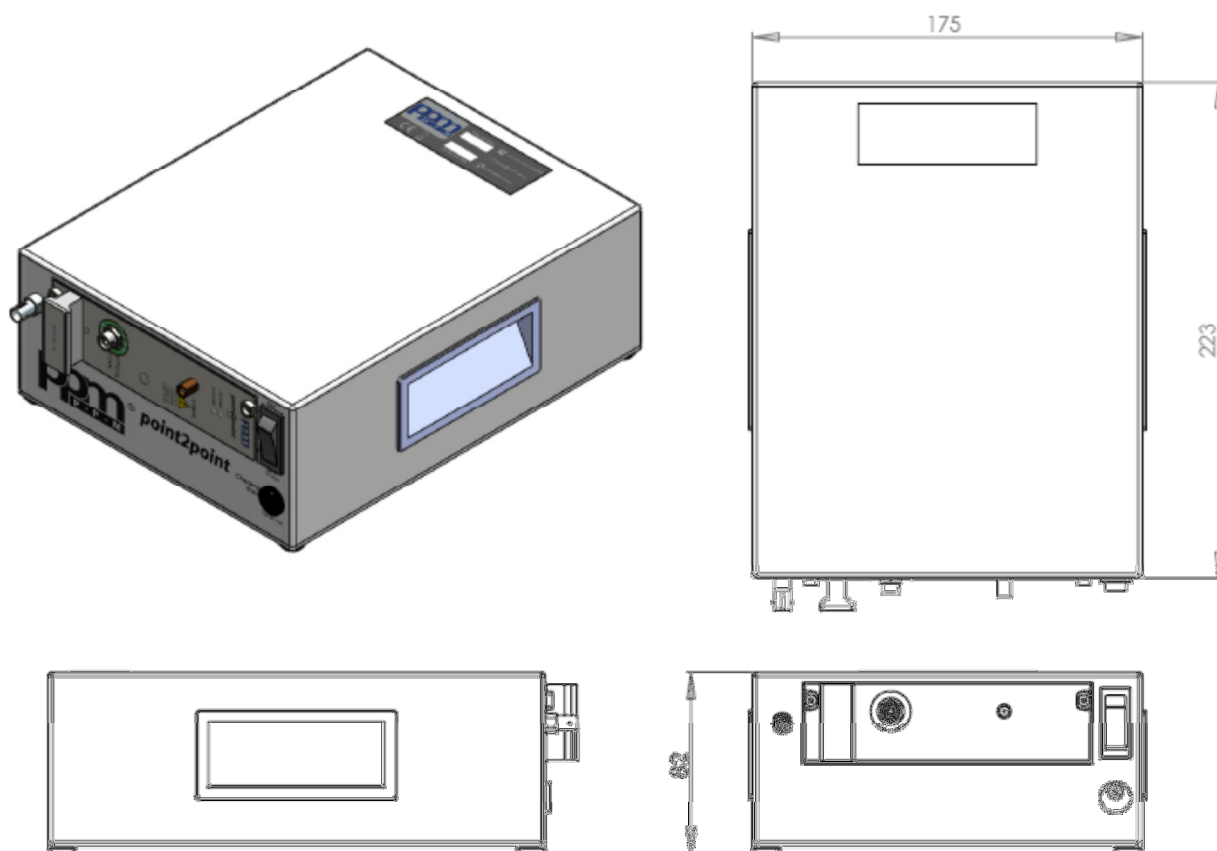
The data below shows the discharge performance characteristics for all variants of the PowerSleeve when running a standard *point2point* DC link. This data shows the effect of using the optically controlled battery switch, which increases the speed at which the battery discharges.



The graph below shows the variation in discharge performance characteristics of the PowerSleeve when used with either a *point2point* DC link or AC link. The data includes examples of both 9Ah and 3.6Ah PowerSleeve variants.



## Mechanical Dimensions



*Note – all dimensions are expressed in mm.*

## Part Numbering and Options

PowerSleeve	75013	75014	75015 (see note b)	75016 (see note b)
Battery Capacity	9Ah	3.6Ah	9Ah	3.6Ah
Optional remote on/off capability fitted <sup>a</sup>	No	No	Yes	Yes
Power on response time <sup>a</sup>	N/A	N/A	1μs	1μs
Power off response time <sup>a</sup>	N/A	N/A	200μs	200μs
<sup>a</sup> requires additional PPM Optically Controlled Battery Switch to allow this functionality (part numbers 73680 & 73681) <sup>b</sup> on/off data quoted only applies when PPM Optically Controlled Battery Switch is used with this model of PowerSleeve				

*Note – for information on the PPM Optically Controlled Battery Switch see datasheet 7368x-DS-2.*

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