

Pagbelt IC2

Ni-Cd battery belts with integral chargers

- ▶ Lightweight, fully isolated switch-mode integral charger.
- ▶ Designed to conform to European Safety Standards.
- ▶ Charging indicator.
- ▶ Widerange input supply 100 to 250V AC.
- ▶ Mains input conforms to IEC CEE22.
- ▶ Premium quality sealed Ni-Cd cells.
- ▶ Over Discharge Protection - ODP.
- ▶ Thermal protection.
- ▶ Two output connectors.
- ▶ Output fuse and spare.
- ▶ Deep moulded, top quality leather work.
- ▶ Quick release buckle.
- ▶ Shoulder harness as required.
- ▶ Unequivocal guarantee.



For over 25 years Pagbelts have been the battery belts against which all others have been judged. Fashioned from top quality, deep moulded leather, Pagbelts have a legendary reputation for quality and craftsmanship. Designed and built under a strictly controlled quality assurance system, using quality materials and proven techniques, Pagbelts are guaranteed to give a long and effective service life even under the most demanding conditions.

Integral Charger

The Pagbelt IC2 incorporates a fully isolated, fourteen hour, integral charger, and is available in the ranges 12 to 30V, 5 to 10Ah.

Pagbelt IC2 is built with the usual PAG operational safety features as a prime consideration. The lightweight integral charger features advanced electronics and utilises fully isolated switch-mode technology which is encased in a tough, injection moulded nylon housing. The integral charger is designed to European Safety standards, making Pagbelt IC2 the safest and most sophisticated battery belt available.

Widerange Input

One of the main features of the Pagbelt's integral charger is its ability to accept a 'Widerange' input supply, from 100V to 250V AC, enabling worldwide operation. Pagbelt IC2 is supplied with an AC power supply lead suitable for the country in which it is to be used.

High Quality Cells

Pagbelts contain specially selected cells of superior quality, providing excellent voltage hold-up characteristics and, therefore, extended running time.

Over Discharge Protection

Pagbelts feature an automatic low voltage cut-out facility to prevent cell damage which would otherwise result when over discharge occurs. The Over Discharge Protection - or 'ODP' circuit is manually reset by simply pressing the 'ODP' reset button. This ensures that the zero load after full discharge is maintained. A resettable thermal protection system is also incorporated as an additional safety feature and is conveniently reactivated by the same 'ODP' button.

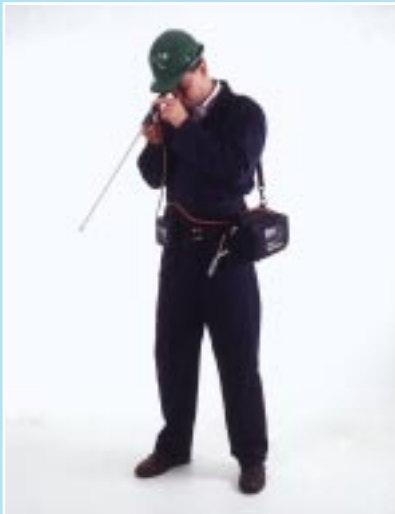
Dual Output

All Pagbelts have two XLR-4 output connectors and a 10A fuse to protect the battery belt from accidental short circuit. A spare fuse holder is situated next to the active fuse holder enabling a fuse change to be made quickly, if required.

Shoulder Harness

All Pagbelts have a quick release buckle and fully adjustable strap. The heavier series of belts are supplied with a clip-on webbing shoulder harness which has the same style quick release buckles and fully adjustable straps, providing added support and comfort for the wearer during periods of demanding activity.





Pagbelts are an ideal power source for many industrial applications and a variety of equipment types.

Pagbelts are used extensively throughout the world by various civil and military authorities. Certain models have been assigned NATO stock numbers.

Specification:

Voltages:

1.2V per cell nominal.

Capacity:

Capacities shown are as measured at the five hour rate.

Over Discharge Protection:

All models incorporate the PAG 'ODP' circuit to guard against over-discharge.

Thermal Protection:

Output sockets become isolated if cell temperature exceeds 70°C. Manually resettable.

Short Circuit Protection:

Protected against short circuit and excessive current loads.

Fuse:

Rated T10A (antisurge).

Output Connectors:

2 x XLR-4 sockets.

Input Supply:

100V to 250V AC. Frequency 50Hz to 60Hz. Maximum consumption 50W.

Input Connector:

Conforms to CEE22 and IEC 65.

Charger Output Voltage:

40V DC Maximum.

Output Current:

5Ah Models: 500mA.
7Ah Models: 700mA.
10Ah Models: 1000mA.

Charging Indicator:

Indicator is lit when integral charger is operating.

Safety:

Designed to comply with Electrical Safety Standard BSEN 60335 Part 2 Section 2.29 Class 2 (Double insulated). Charger designed for indoor use only. UK Mains lead fitted with 1" fuse to BS 1362 rated 5A.

Fast-Charging:

Pagbelts can be fast-charged with the appropriate PAG ACS fast charger. PAG 30V AR Series chargers are recommended for 24 to 30V Pagbelts.

Pagbelt Model No's

	5Ah	7Ah	10Ah
12V	9287	9292	9297
13.2V	9288	9293	9298
14.4V	9289	9294	9299
24V	9290	9295	
30V	9291	9296	

Pagbelt Weights

	5Ah	7Ah	10Ah
12V	2.4kg	3.4kg	4.9kg
13.2V	2.5kg	3.5kg	5.3kg
14.4V	2.6kg	3.6kg	5.7kg
24V	3.8kg	5.0kg	
30V	4.9kg	5.6kg	

Unequivocal Guarantee:




PAG offer a ten year guarantee on the leather casework of all Pagbelts.



There is also an eighteen month guarantee on the Nickel-Cadmium cells and internal electronics.

'Widerange' and 'ODP' are the trademarks of PAG Ltd.

 = Pagbelts supplied with shoulder harness as standard.



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