



PLASMATRONICS PTY LTD
SOLAR CHARGE CONTROLLERS
ABN 98 073 758 497

14 Gipps Street, Collingwood
Victoria, Australia. 3066
Ph +61 3 94869902 Fx +61 3 94869903

12th October 2007

Dear Customers,

Due to some issues with electrical noise getting into communications cables used on the PL series controllers (WZ and WY cables), we will be supplying shielded cables for new orders, effective immediately.

The shielded cables will have the designations as specified in the "Shielded Cable Introduction" distributed with this price list.

Please note that the WXS is a completely new product, an extension cable designed to make it easy to increase the length of one of the other cables without compromising the shielding.

Unfortunately the shielded cables will cost more than the previous unshielded versions. The RRP inclusive of GST will be:

WYS (3m)	AUD \$27.50
WZS (3m)	AUD \$27.50
WXS (3m)	AUD \$16.50
Double Adaptor	AUD \$ 6.00
PLJ	AUD \$ 6.00

(Normal PL range discounts will apply to all of the above products)

Custom length WXS cables available on request at your WXS price + \$1/m for total cable length + GST.
Eg. 10m WXS cable at RRP = \$16.50 + (\$1.10 x 10m) = \$27.50

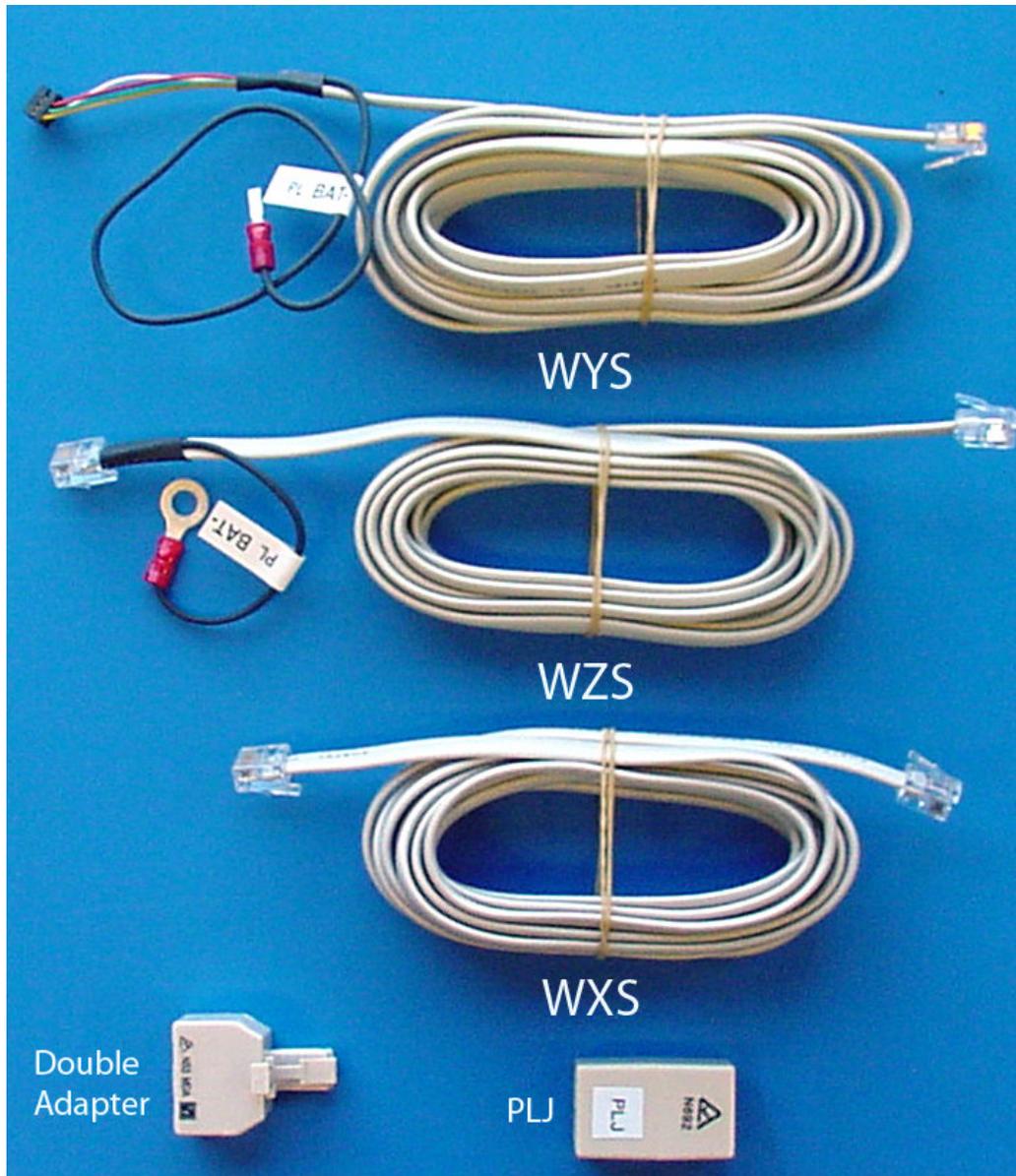
- We can also offer information and assistance to help you make your own WZS and WXS cables.
- Double adaptors may also be bought from a variety of retailers (as long as they contain 6 conductor connections).
- We recommend that WYS cables and PLJ adaptors are sourced from Plasmatronics as WYS cables need to be made with a special tool, and PLJ adaptors have a specific internal wiring.

It should also be noted that for shielding to be effective, ALL the cables in the system must be shielded ie. the regulator must have a shielded WYS or WZS cable connected so that all 'downstream' cables have the shield connected through.

Thanks for your understanding and best regards,

Virginia Graham
Business Manager

Shielded Cable Introduction



Plasmatronics has a range of new **shielded** communication cables for the PL Regulator series. These replace the current WY and WZ cables.

Shielded cables help prevent electrical noise entering the regulator from nearby electronic equipment and cables.

Electrical noise in the communication cables could cause such problems as history corruption, incorrect voltage/current readings, and phantom key-presses that could change menu settings.

Shielding is achieved by use of a flat cable incorporating a foil shield. A flying lead (on WYS and WZS) connects to the BAT- terminal of the PL regulator.

WYS (3m length)

WY shielded cable for PL20/40 to accessory.

WZS (3m length)

WZ shielded cable for PL60 to accessory.

...NOT suitable for joining accessories (use a WXS between accessories).

WXS (3m length as standard or custom length available)

Shielded cable for use between PL accessories or used as an extension cable for WYS and WZS (with additional PLJ).

Double Adapter

Plugged into accessory and used with WXS cable to connect another accessory.

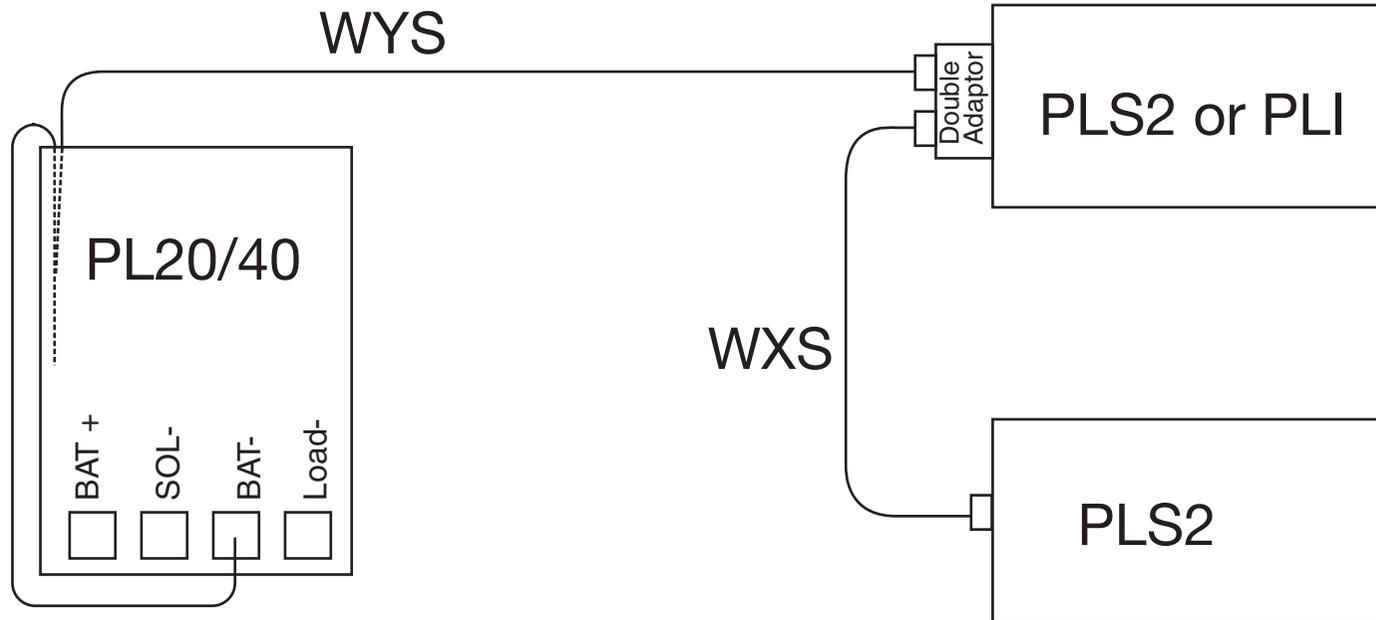
PLJ (Inline joiner)

Use for extending WYS or WZS via a WXS cable.

Joiners supplied by Plasmatronics are 100% tested.

Product from other suppliers may NOT have the same internal wiring.

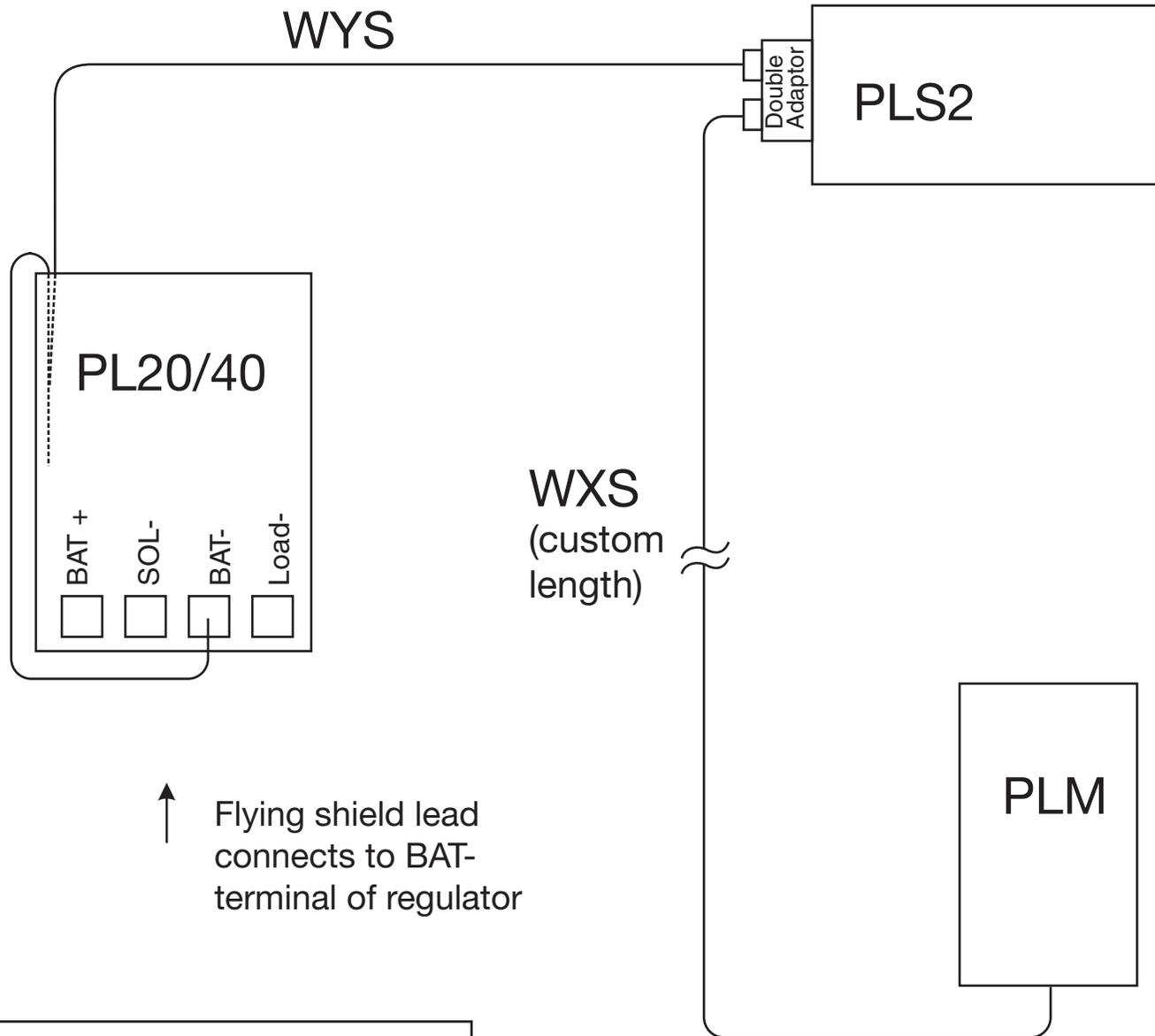
PL20 / 40 Shielded Cables



↑
Flying shield lead
connects to BAT-
terminal of regulator

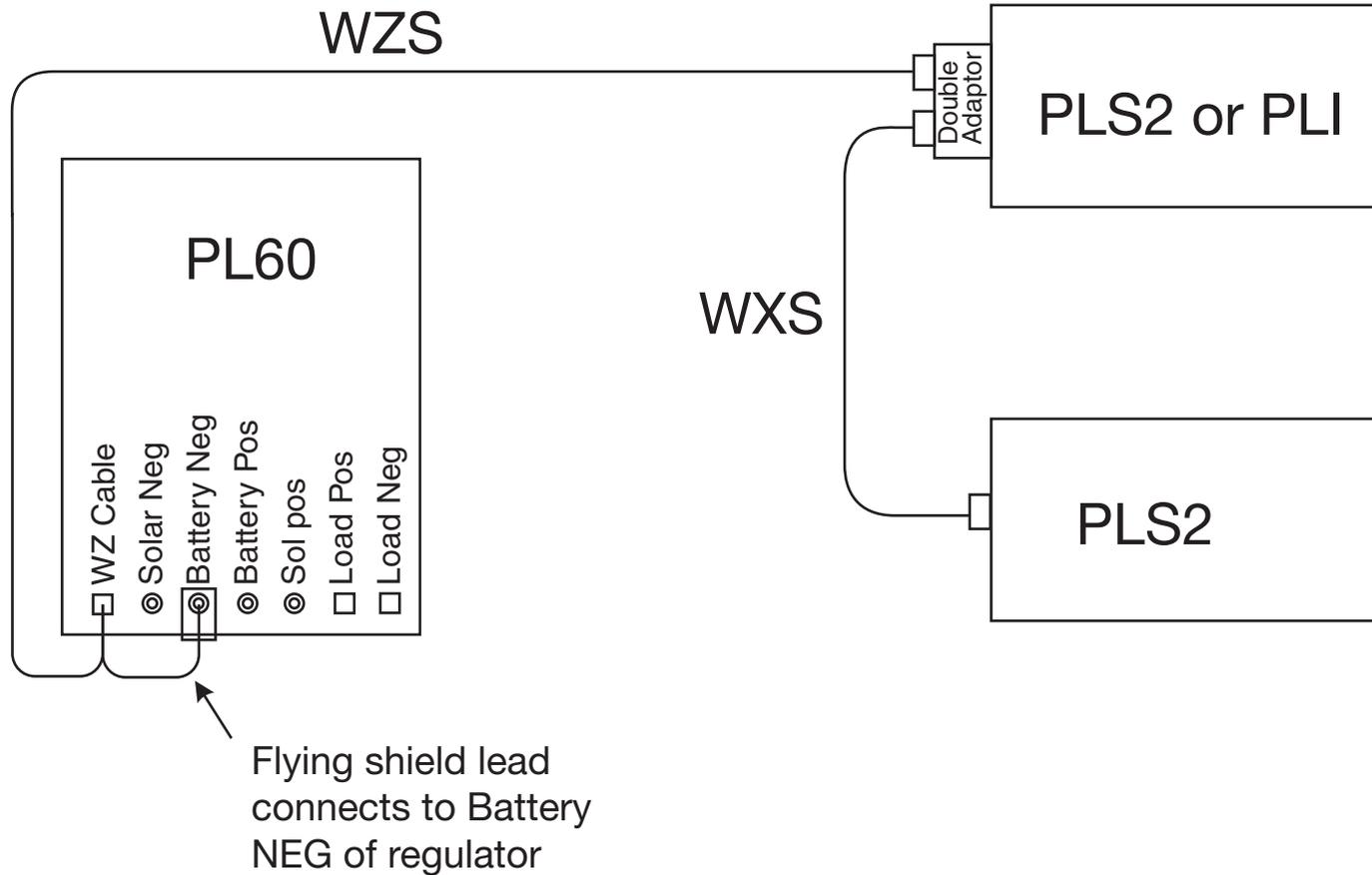
This diagram is for reference only. Wiring and fuses etc. must be installed as specified by the relevant Australian Standards.

PL20 / 40 Shielded Cables (Extended Distance)



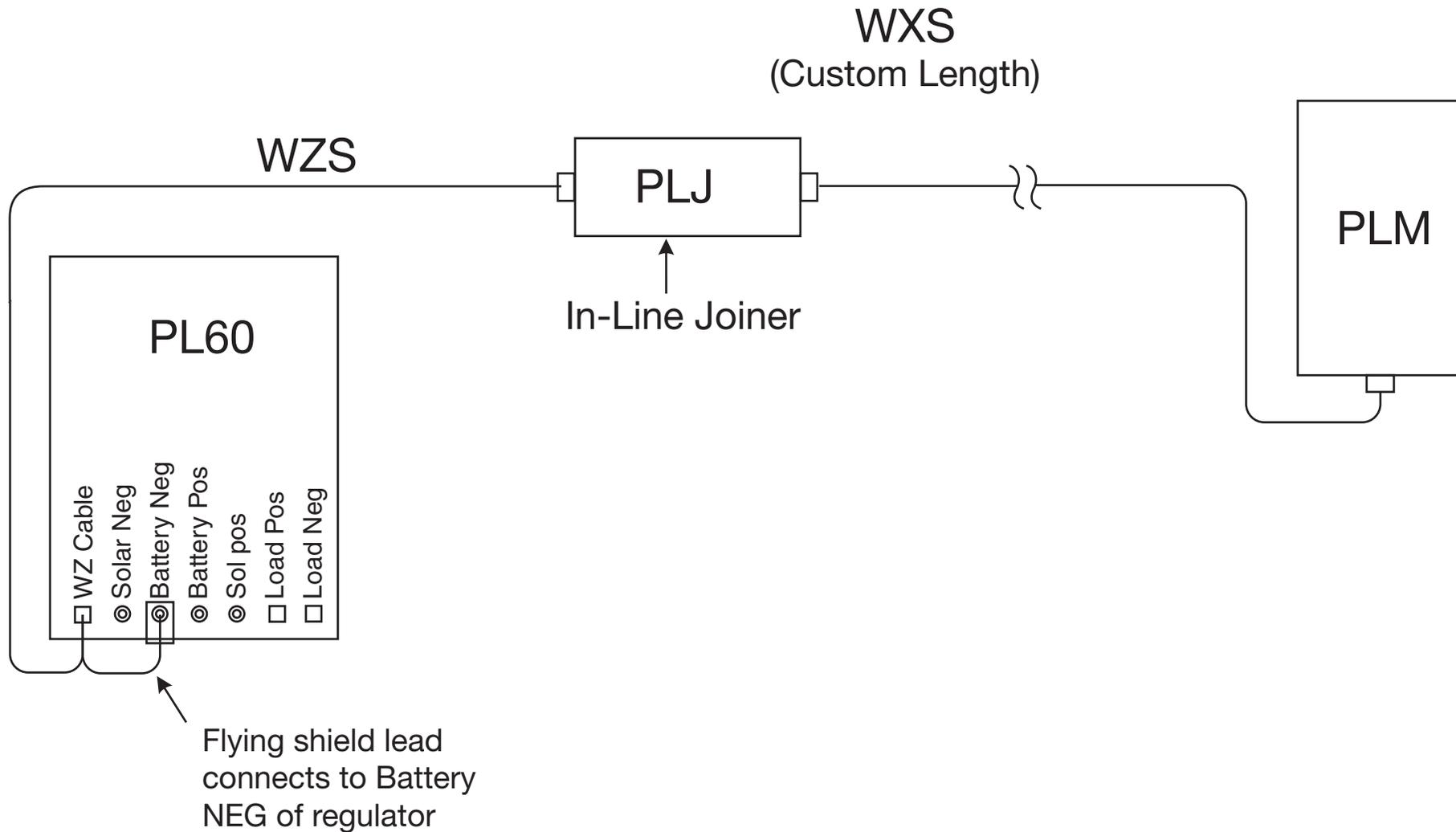
This diagram is for reference only. Wiring and fuses etc. must be installed as specified by the relevant Australian Standards.

PL60 Shielded Cables



This diagram is for reference only. Wiring and fuses etc. must be installed as specified by the relevant Australian Standards.

PL60 Shielded Cables (Extended Distance)



This diagram is for reference only. Wiring and fuses etc. must be installed as specified by the relevant Australian Standards.