

Iota Engineering Company

DLS Series

The DLS Series Charger/Power Supply uses switch-mode technology to insure service free operation even when subjected to extremely harsh conditions. The clean DC output operates radios and televisions without causing annoying static or snow. Pumps, motors, lights and fans operate perfectly for prolonged life. They feature regulated converter/power supply, tight line-load regulation, two-step voltage switch, current limiting, transient voltage protection and short circuit/over-current protection. The DLS maintains the batteries, only putting into the battery what is required by load or self-discharge, cutting back to milliamps as the battery requires. All models include cooling fan. Charger efficiency approx. 85%. Two-year warranty.



Iota DLS 55

Model	Output Voltage	Output Current	Input Voltage	Dimensions LxWxH	Weight (lbs)	MSRP
DLS15	13.6/14.2 VDC	15A	120VAC	7.0" x 6.5" x 3.5"	4.0	\$149.00
DLS30	13.6/14.2 VDC	30A	120VAC	7.0" x 6.5" x 3.5"	5.5	\$199.00
DLS45	13.6/14.2 VDC	45A	120VAC	7.0" x 6.5" x 3.5"	5.5	\$229.00
DLS55	13.6/14.2 VDC	55A	120VAC	10.0" x 6.5" x 3.5"	5.5	\$269.00
DLS75	13.6/14.2 VDC	75A	120VAC	10.0" x 6.5" x 3.5"	7.8	\$555.00



Iota ITS-30R

ITS Transfer Switches

The ITS-30 and 50R are relay-based automatic transfer switches and the ITS-75C is contactor-based. They provide switching between two separate power sources and can be used in conjunction with another ITS transfer switch for additional power sources.

Model	Max Powercord Size	Max Generator	Max Main Breaker	Case Material	Wiring	Dimensions	Weight (lbs)	MSRP
ITS-30R	30A	4kW	30A 1P	Plastic	Hard Wire	7.5" x 8.5" x 4"	2	\$95.00
ITS-50R	50A	12kW	50A 2P	Plastic	Bridge	7.5" x 8.5" x 4"	3	\$225.00
ITS-75C	75A	18kW	75A 2P	Steel	Lugs	8.0" x 12" x 4"	11.6	\$590.00

IQ4 Smart Controller

The IQ Smart Controller offers automatic charging control for the DLS Series Chargers to provide longer and safer use of the system's battery. IQ4 controllers feature an installation jack plug which plugs into the dual voltage jack on the top of the DLS unit. The IQ Controller allows the DLS charger to operate as an automatic 3-stage smart charger. For 12V only. Two-year warranty.



Iota IQ4

Model	Dimensions	Weight	MSRP
IQ4 Smart Controller	3.06" x 1.88" x 1.44"	1 lb	\$38.00