

Battery Chargers for Switch Tripping



INPUT

Voltage : 230VAC (85-264VAC), Single Phase
 Current : see Standard Variants Table
 Frequency : 50Hz (45-66Hz)

OUTPUT

See Standard Variants Table

PROTECTION

Input : Internal fast HRC
 AC Surge : MOV
 DC Surge : Enhanced Surge protection
 DC Fault : Output short circuit protection
 Over temp : Output power limiting
 Reverse battery : Unit will not power up

STANDARD VARIANTS

Product code	Input Fuse	Output Voltage	Output Current
0740-12/xx	1A	12VDC	3A
0740-12/xx	2A	12VDC	8A
0740-12/xx	3.15A	12VDC	13A
0740-16/xx	1A	16VDC	3A
0740-24/xx	5A	24VDC	9A
0740-24/xx	10A	24VDC	20A
0740-32/xx	2A	32VDC	3A
0740-32/xx	5A	32VDC	6A
0740-50/xx	2A	50VDC	1A
0740-50/xx	5A	50VDC	5A
0740-50/xx	10A	50VDC	10A
0740-60/xx	5A	60VDC	4A
0740-120/xx	10A	120VDC	3A
0740-120/xx	12A	120VDC	5A

- The DD740 can be wall mounted or floor standing
- Enhanced surge protection on AC input and DC output
- Float charge selection switch
- Battery test switch
- Battery temperature compensation
- DC current metering



INDICATORS AND ALARMS

Indicators : Front panel
 AC On : LED
 Volts : Voltmeter
 Current : Ammeter

Alarms : Mains Fail, Charge Fail, High Volts, Low Volts and Earth Fault

Contacts : Volt-free normally-closed contact

ENVIRONMENTAL

Efficiency : > 85% at full load
 Cooling : Natural Convection
 Temperature : -20°C to +60°C operational
 Relative Humidity : 0 to 95% non-condensing
 Altitude : Up to 1500m
 Safety : EN60950 
 EMC : BS EN50121-4:2006 

MECHANICAL

Size : 1200mm x 400mm x 500mm (HxDxW)
 Weight : 48kg
 Level of Protection : IP41

Battery trays : 2 off, suitable for 8 off batteries – subject to specific requirement