



FLEX Charger[®]

Wave Relay MPU5 Flexible Charging Kit.

Overview

- Dedicated two (2) panel foldable compact chargers.
- Will charge two sets of two batteries in 4.5 - 6 hours.
- Simultaneously charges like-batteries.
- Powered from 20 - 36VDC, 120W (max), or a Solar Panel.
- Equipped with a 10W USB charging port.
- Equipped with a trailer hitch connector for connection with multiple existing input cables.
- Blackout button for stealth operation.

Dimensions	Folded	(L) 127 x (W) 143 x (H) 76 mm.
	Unfolded	(L) 127 x (W) 143 x (H) 76 mm.
Weight	0.54 kg (1.19 lbs).	
Power Input	20 - 36 VDC.	
Temperature	Operating	-20°C to +50°C (-4°F to +122°F).
	Storage	-40°C to +70°C (-40°F to 158°F).
Material / Colour	Modified ABS Plastic/Tan on Green Camo Fabric Carrier.	
Disposal	Check local regulations (Contains 0% Mercury or Cadmium).	



Additional Extras

AC/DC Adapter for Multi-Chem and Charge Controller



Provides DC power from AC (wall outlet), or 12V-16V DC from power port to power Multi-Chemistry Charger.

Dimensions	AC Power Supply	(L) 114 x (W) 51 x (H) 30 mm.
	DC Cigarette Lighter	(L) 89 x (W) 33 x (H) 19 mm.
Weight	0.45 kg (0.99 lbs).	
Temperature	Operating	-20°C to +50°C (-4°F to +122°F).
	Storage	-40°C to +70°C (-40°F to 158°F).
Materials / Colour	Plastic/Metal/Black.	

Foldable Solar Panel Series

Foldable and impact resistant solar panel.



60W Model		
Dimensions	Folded	(L) 298.5 x (W) 184.2 x (H) 63.5 mm.
	Unfolded	(L) 812.8 x (W) 587.5 mm.
Weight	1.20 kg (2.65 lbs) Max.	
Power to Weight Ratio	23 W/lbs (50 W/kg).	
Open Circuit Voltage	28.0V.	
Nominal Voltage @ MPP	21.5V.	
Nominal Current @ MPP	3.0A.	
Operating Temperature	-32°C to +71°C (-25.6°F to +159.8°F).	
Storage Temperature	-32°C to +71°C (-25.6°F to +159.8°F).	
Material/Color	MultiCam®.	



120W Model		
Dimensions	Folded	(L) 317.5 x (W) 317.5 x (H) 63.5 mm.
	Unfolded	(L) 1493.5 x (W) 619.8 mm.
Weight	2.72 kg (6.00 lbs) Max.	
Power to Weight Ratio	20 W/lbs (44 W/kg).	
Open Circuit Voltage	28.0V.	
Nominal Voltage @ MPP	21.5V.	
Nominal Current @ MPP	6.0A.	
Operating Temperature	-40°C to +90°C (-40.0°F to +194.0°F).	
Storage Temperature	-40°C to +90°C (-40.0°F to +194.0°F).	
Material/Color	MultiCam®.	





Y-Junction Cable for Solar Panel

The BTA-70797 cable is equipped with a trailer hitch connection on one end that splits to two (2) trailer hitch connections. The cable is used to connect multiple solar panels together.

Dimensions	Length: 49.6 in (1.26 m).	
Weight	0.15 kg (0.33 lbs).	
Materials / Colour	Plastic / Black.	
Temperature	Storage	-40°C to +70°C (-40°F to +158°F).



MPU5 Twist Lock Battery Pack

Lithium-ion rechargeable twist locking battery pack for the MPU5.

Dimensions	(H) 8.3 x (W) 6.6 x (D) 3.8 cm.	
Weight	349 g (12.3 oz).	
Nominal Voltage	10.8V.	
Maximum Voltage	12.6V.	
Capacity	6.8 Amp Hours.	
Discharge	6A Max Continuous.	
Pulse Discharge	40 A ≤ 1 ms.	
Temperature	Operating	-30°C - 60°C.
	Storage	-40°C - 40°C.



Wave_Relay_MPU5_Flexible_Charging_Kit_Datasheet_08-2024_Rev2.pdf

Technical specifications are subject to change without notice. E & OE Issue A.

