



ORIONeco

Controller

Product Feature

- Optimized functionality for a typical telecom power supply system
- Fully backwards compatible with previous ORIONeco version
- Large and easy to read colour display with touch functionality for easy and convenient local operation
- Integrated WEB server – very easy to use and operate
- Remote monitoring via Gigabit Ethernet
- Easy maintenance by pluggable architecture and MicroSD card slot to enable automatic backup
- Flexible customization of remote alarms
- Advanced battery management and testing methods



Smarter. Greener. Together.

Specifications

Model ORION ID:G1

1. Input	
Mains voltage	18 - 60 V _{DC}
Current	0.8ADC (Max.)
Protection / Switch	Internal fuse 2A / None
2. General	
Dimensions (W x H x D)	83.4 x 42.0 x 203.1mm (3.3 x 1.6 x 7.9 in)
Weight	0.6 kg (1.32 lb)
3. Standards	
Safety	EN / IEC 60950, class I; UL 60950; CAN / CSA-C22.2
EMC	EN 55022, class B
Cooling	Natural air flow
Operating temperature	-40 to +70 °C (-40 to +158 °F)
Relative humidity	95%, non-condensing (Max.)
4. Function	
System	Mains failure/phase failure detection and alarming
	Configurable event and data log
	Remote and local SW and configuration update
	Temperature compensated float charge, boost and equalize charge
Battery	Charging current limitation
	Low voltage disconnection
	State of charge supervision and display
	Backup time supervision
Rectifier	Automatic capacity test
	Battery Middle point measurement
	Individual rectifier information and control
	Efficiency mode with advanced rectifier cycling
	Redundancy supervision
	Recharge capacity supervision
5. Feature	
Number of rectifiers	Up to 128 connected via CAN based bus
Digital input	4
Relay output	6
Temperature	1 (battery temperature)
Voltage, current	System and battery voltage, one load current, two battery currents
Local monitoring	Colour display, web browser via Ethernet or WLAN (optional)
Remote monitoring	Web browser, REST, SNMP, Syslog, MODBUS via Ethernet
Remote alarming	Dry contacts / SNMP traps
6. User Interface	
Local user interface	Colour touch display
WEB server	Web UI with configurable access rights, login control and user profiles
UIM (optional)	5 configurable LEDs; LCD display; Keypad; Buzzer
Languages	English + 3 downloadable
7. Ordering information	
ORION ID:G1	TPS1020030A

*All specifications are subject to change without prior notice.

Delta Group Website:

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