

10. EFFICIENCY AND POWER LOSSES

Efficiency	typ.	97.8%	Normal mode, 10A output current, battery fully charged
Power losses	typ.	2.9W	Normal mode, 0A output current, battery fully charged
	typ.	5.5W	Normal mode, 10A output current, battery fully charged
	typ.	5.0W	During battery charging, 0A output current

Fig. 10-1 Efficiency at 24V, typ.

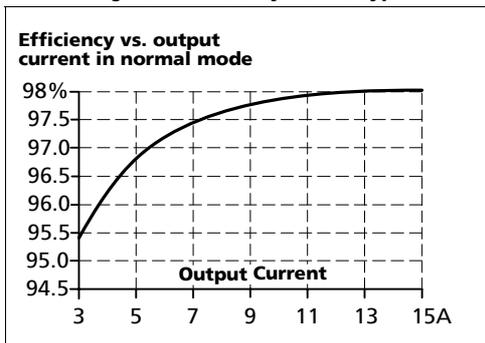
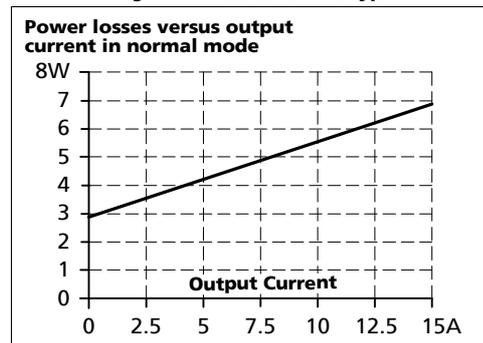
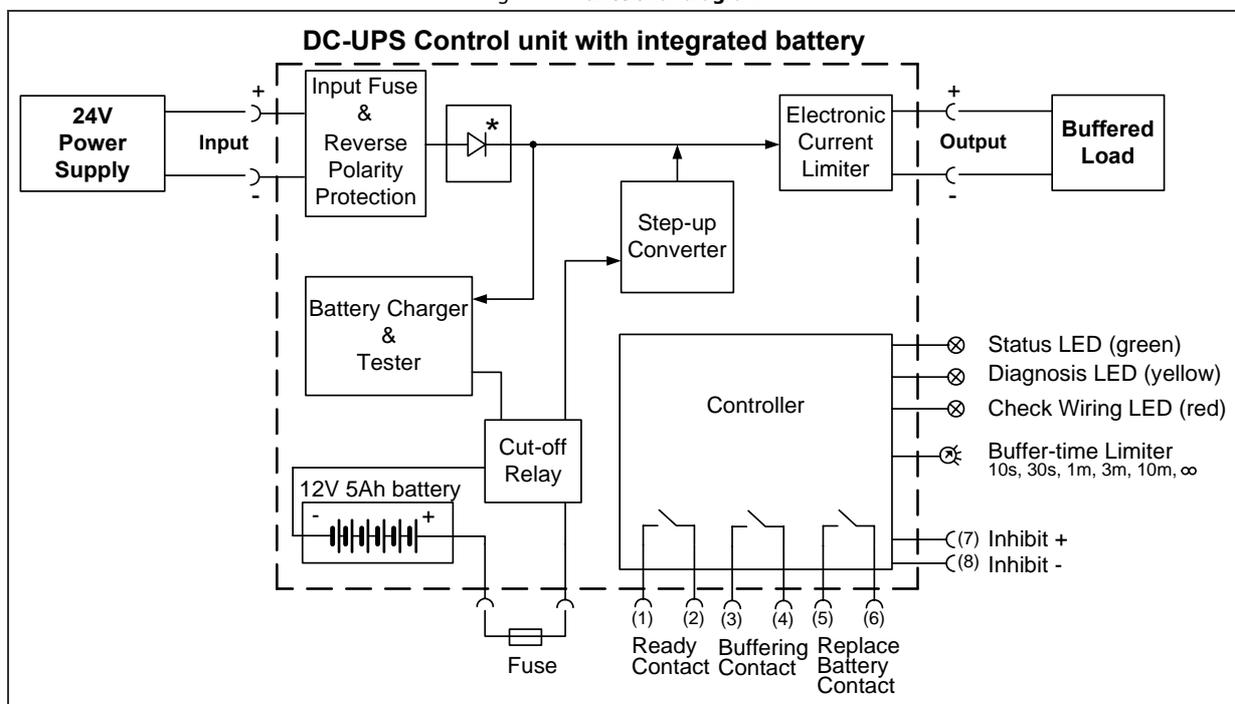


Fig. 10-2 Losses at 24V, typ.



11. FUNCTIONAL DIAGRAM

Fig. 11-1 Functional diagram



*) Return current protection; This feature utilizes a Mofet instead of a diode in order to minimize the voltage drop and power losses.