

Product No: UB40.241

PULS DC-UPS CONTROL UNIT 24VDC 40A UB40.241

FEATURES

- 1-Battery-Concept - Each 12V battery is charged and monitored separately for longest battery life, matching of batteries not necessary
- Output is decoupled from the input to separate load circuits into buffered and non-buffered sections
- Allows VRLA battery sizes between 12Ah and 200Ah; "Battery Size" selector for various battery sizes
- 50% Extra output power for up to 5s
- Superior battery management for longest battery life
- Comprehensive diagnostic and monitoring functions
- "Replace Battery" signal included
- "Battery-Low Prewarning" signal included
- Selectable buffer time limiter
- Temperature controlled battery charging



General Information

Brand	PULS
Country of Origin	Czech Republic
Customs Tariff Number	85044083
E Classification	E-CS04
Product Type	DC-UPS
Range	DIMENSION
Series	U series
Warranty Period (Months)	36

Technical Attributes

Battery Size	12 Ah - 200 Ah
Connection Type	Screw terminals
Derating	24 W/°C
Derating Temperature (°C)	+50 to +70
Efficiency	%
Input Voltage Range DC (V)	24
Internal Current Consumption (A)	3.2 / 6.2 (Including Charging Current)
Minimum Input Voltage DC (V)	24

Technical Attributes

Nominal Output Current 'a' (A)	40
Output Power (W)	960
Output Voltage (V)	24
Rated Current (A)	40
Special Application	Hazardous location
Storage Element	External lead acid battery
Temperature Tracking Of The End-of-charge Voltage	Automatically with temperature sensor
Use In Crosslinking	Yes

Physical Attributes

Conformal Coating	No
Mounting Type	DIN Rail
Operational Temperature Range (°C)	-25 to 70

Dimensions

Dimensions (mm)	46W x 124H x 127D
Weight (g)	530

Protection & Standards

Degree of Protection	IP20
Standards and Approvals	ATEX EN 60079, Class I Div. 2 Canada - UL, Class I Div. 2 USA - UL, EU Declaration of Conformity, IECEx IEC 60079, IEC 61010-2-201 CB Scheme, UL 61010-2-201 Canada, UL 61010-2-201 USA, UK Declaration of Conformity