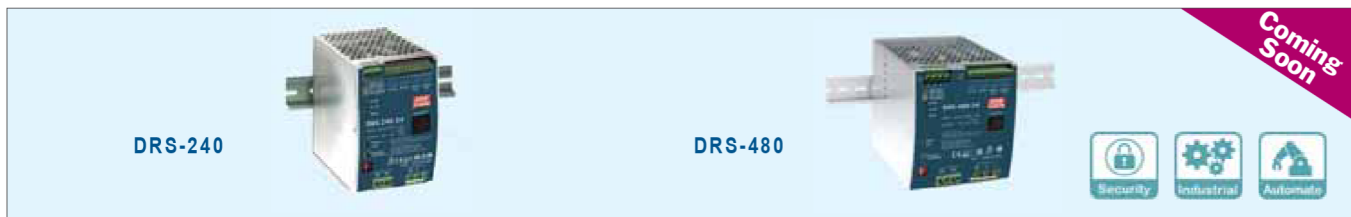


# Security Series 240~480W All-In-One Security Power



## Features

- All-in-one function with Power supply, DC-UPS, battery charger and status monitoring in ONE compact unit
- Universal input 90~305VAC (277VAC available)
- From C relay contacts and LED indicator for AC fail, bat low, Charger Circuit fail, DC OK
- Built-in MODBUS protocol, CANBus optional
- Charging curve can be set with SBP-001(see page97)
- 20~100% charging current adjustable by VR

- 2 or 3-stage selectable by DIP S.W, suitable for lead acid and li-ion batteries
- Load-dependent high speed battery charging
- Proections:OLP/OTP/OVP/BAT cut off/ BAT reverse polarity(NO damage)
- -30~+70°C wide operating temp
- Signal and alarms design meet UL2524,NFPA 1221 ,BS EN/EN54-4 and GB17945 requirement
- 3 years warranty

## General Specification (Please refer to www.meanwell.com for detail spec.)



Model No.	DRS-240	DRS-480	
AC input voltage range	90~305VAC; 127~431VDC		
Total O/P Power	Combined power on all channels 240W (DRS-240)/480W(DRS-480)		
Withstand voltage	I/P-O/P:4kVAC I/P-FG:2kVAC O/P-FG:1.5kVAC		
Working temperature	-30~+70°C (refer to output derating curve)		
Safety standards	UL62368-1,DEKRA BS EN/EN62368-1, EAC TP TC004 approved		
EMC standards	BS EN/EN55032 class B, EN61000-4-2,3,4,5,6,8; BS EN/EN54-4 for fire and fire alarm system		
Functions	From-C Relay	AC fail	Signals AC failure and activates when input voltage drops below:85~90% of 120Vac, 60~85% of 220Vac
		charger circuit fail	Relay contact, Relay ON:DC OK, Relay OFF:charger fail
		DC OK	Signals normal DC output and activates when output voltage>90% rated
		Bot.low/ Abnormal/ Disconnected	Relay contact, Relay ON:Bat. OK, Relay OFF:Bat.low BAT.low voltage:<11V, <22V, <33V, <44V
	BAT.start	Restart system directly form bat.and does not require AC power	
	Charging current Adj.	20~100% charging current adjustable by VR	
	DC UPS	UPS switch to bat. within 10ms of AC failure	
	Communication	Built-in MODBUS protocol,CANBus optional	
Dimension (WxHxD)(mm)	85.5x 125.2x 128.5	110x 125.2x 150	

## 240W DRS-240

Model No.	Output	Tol.	R&N	Effi.
DRS-240-12	12V,0~20A	±1%	120mV	92%
DRS-240-24	24V,0~10A	±1%	240mV	93%
DRS-240-36	36V,0~6.6A	±1%	360mV	94%
DRS-240-48	48V,0~5A	±1%	480mV	94%

## 480W DRS-480

Model No.	Output	Tol.	R&N	Effi.
DRS-480-24	24V,0~20A	±1%	240mV	93%
DRS-480-36	36V,0~13.3A	±1%	360mV	94%
DRS-480-48	48V,0~10A	±1%	480mV	94%

## DRS Series Example of Application

