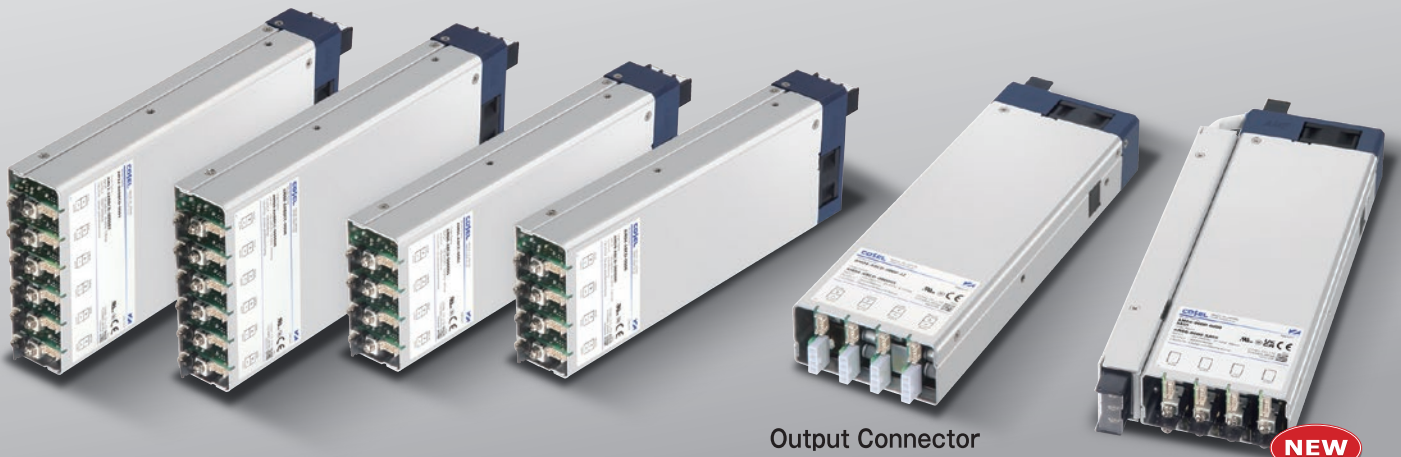




Configurable Type Medical AC-DC Power Supply



Output Connector
Interface Type
J2 Option

Input and Output
Interface both on
Same-side Type
T Option

AME

series

AME

series

Medical Standard (IEC60601-1 3rd [2 x MOPP]) approved

Low Profile Configurable Type Power Supply with Communication function

Easy & Flexible Module Configuration

Compact size improves space and wiring installation time

Many merits by combining
multiple power supplies.

Reduce
Leakage
Current

Simplified
EMI Design

Easy
Wiring

Space
Saving



Flexible multiple outputs construction

Flexible multiple outputs construction

■ Output Module Line Up

Module Code	J	A	K	B	L	C	M	D
Output Voltage	3.3V	5V	7.5V	12V	15V	24V	36V	48V
Output Current	15.2A	12A	12A	8.5A	8A	5A	3.4A	2.5A
Output Adjustment Range	2.64 - 3.96V	4.0 - 6.0V	6.0 - 9.0V	9.6 - 14.4V	12.0 - 18.0V	19.2 - 28.8V	28.8 - 43.2V	38.4 - 57.6V
Other Functions	Remote ON/OFF (RC), Alarm (LV), LED (Blue)							

Module Code	E4	E	S	F4	F	T	G4	G	U	H4	H	V4	V	V5
Output Voltage	3.3V	5V	7.5V	7.5V	12V	15V	15V	24V	36V	36V	48V	65V	75V	100V
Output Current (Peak Current)	32A		24A	20A		16A	10A (15A)		6.7A (10A)	5A (7.5A)		3A		2.25A
Output Adjustment Range	3.0 - 6.0V		4.5 - 9.0V	7.2 - 14.4V		9.0 - 18.0V	14.4 - 28.8V		21.6 - 43.2V	28.8 - 57.6V		57.6 - 105V		
Other Functions	Remote ON/OFF (RC), Alarm (LV), LED (Blue), Remote sensing (+S/-S), Output voltage adjustable (VTRM), Output current adjustable (ITRM)													

	NEW	NEW	NEW	NEW	NEW	NEW		NEW			
Module Code	2B	2L	2C	2M	2D	P		Q		R	
Output Voltage	12V	15V	24V	36V	48V	V ₁ :12V	V ₂ :12V	V ₁ :15V	V ₂ :15V	V ₁ :24V	V ₂ :24V
Output Current (Peak Current)	25A	20A	14A (15A)	9.3A (10A)	7A (7.5A)	8A (10A)	8A (10A)	7A (8A)	7A (8A)	3A	3A
Output Adjustment Range	7.2 - 14.4V	9.0 - 18.0V	14.4 - 28.8V	21.6 - 43.2V	28.8 - 57.6V	5.0 - 13.2V		5.0 - 16.5V		5.0 - 25.2V	
Other Functions	Remote ON/OFF (RC), Alarm (LV), LED (Blue), Remote sensing (+S/-S), Output voltage adjustment (VTRM), Output current adjustment (ITRM)					Remote ON/OFF (RC), Alarm (LV), LED (Blue)					

10 options available. Series and parallel operations possible.

Saving design and maintenance time by communication function

You can design flexibly by programming communication function.

Output voltage ON/OFF	Output voltage monitoring
Output voltage change	Output current monitoring
Setting of variable upper and lower limits of output voltage	Output power monitoring
Output constant current control change	Fan speed monitoring
Start-up delay time change	Internal part temperature monitoring
Voltage lamp rate change	Acquisition of stop code
Start / Stop voltage change	Acquisition of cumulative operation time
AUX output voltage change (5 to 12V)	Acquisition of information about product name, lot number, and serial number
Input voltage monitoring	and more...
Input voltage frequency monitoring	



Monitoring

Monitoring externally is possible by communication function. Input or output voltage value, output current value and more is readable.

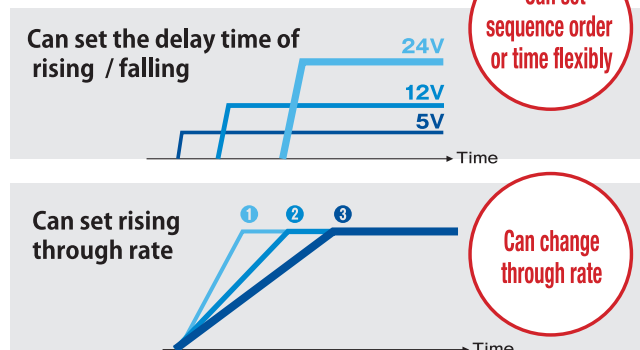
GUI

GUI (Graphical User Interface) is available for evaluating the communication function.

2-way of Communication Method is acceptable
PMBus (-I)
Expanded UART (-I3)

※Function per module to be available is different. For further information, please refer to a communication manual on our website.

Can manage sequence by communication function Space saving by No PLC



Saving space and wiring time by monitoring

Reduces run down time by monitoring output current and voltage in digital monitoring function of AME series

Remote control by personal computer

Possible to control by digital Vo control of personal computer externally



Meets Medical Standards (IEC60601-1 3rd) & ITE standards (IEC62368-1)

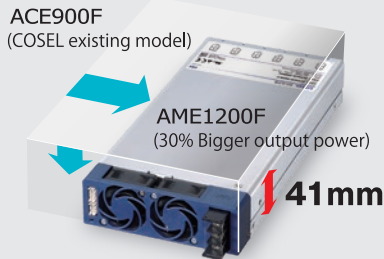
AMEseries						
Model		AME400F	AME600F	AME800F	AME1200F	Remarks
Input Voltage		85 - 264 VAC 1 ϕ				
Frequency		50/60Hz (45 - 66)				
Leakage Current		0.30mA max.				240VAC 60Hz
Num. of Slots		4		6		
Total Output Power	90 - 170VAC IN	250W	400W	600W	1000W	85 -90VAC: Derating is required
	170 - 264VAC IN	400W	600W	800W	1200W	
Auxiliary Output (AUX)		5V 1A				Optional: 12V0.1A available
Global Inhibit (GI)		Global inhibit available				
Alarm (PR)		Open collector				
Operating Ambient Temperature		-20 to +70°C				Derating is required
Safety Standard		UL62368-1, C-UL (CAN/CSA-C22.2 No. 62368-1), EN62368-1, ANSI/AAMI ES60601-1, C-UL(CAN/CSA-C22.2 No. 60601-1), EN60601-3rd approved, IEC60601-1-2 4th compliant				
Conducted Noise		FCC-B, VCCI-B, CISPR32-B, EN55011-B, EN55032-B compliant				
Harmonic Compliance		IEC61000-3-2 (Class A) compliant				
Case Size (W×H×D)	Normal	89 x 41 x 257mm [3.50 x 1.61 x 10.1inches]		127 x 41 x 257mm [5.00 x 1.61 x 10.1inches]		
	T Option	114 x 41 x 257mm [4.49 x 1.61 x 10.1inches]		152 x 41 x 257mm [5.98 x 1.61 x 10.1inches]		
Cooling Method		Forced-Air Cooling (Built-in Blow-in FAN)				

For further information, please refer to an instruction manual on our website.

Compact·Low Profile Design

Volume Ratio

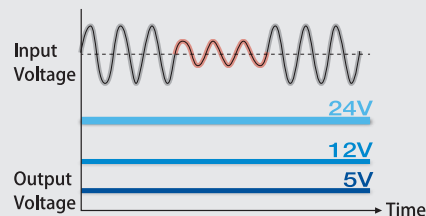
Approx. **50%** Smaller



Low Profile 1U Height

Meets Medical Standards

**Medical Standards
(IEC60601-1 3rd [2 x MOPP])
approved
IEC60601-1-2 4th
compliant**



Applicable for
instantaneous voltage dip

Many Options

- Start-up sequence available
I, I3 options
- Output Connector Interface Type
J2, J3 options
- Input and Output Interface
both on Same-side Type
T Option



Easy Wiring by Input and Output
Interface both on Same-side

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